

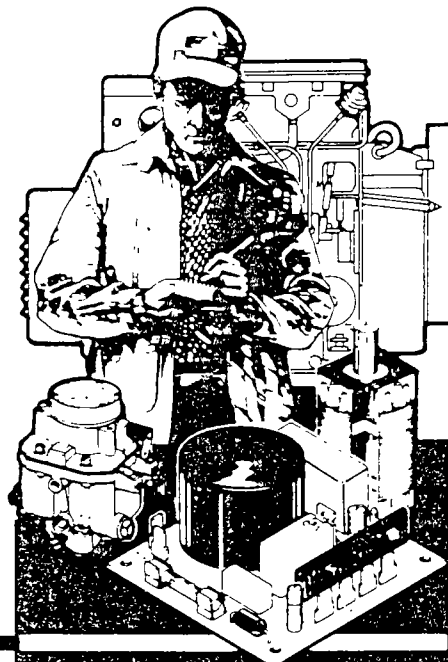
The following catalog
has gaps in its page
numbers, or doesn't
have any numbers.
We have chosen to
leave the page
numbering in the
order that Acrobat
assigns it.

Onan

Parts Manual

DJE

GenSet



Onan Service Parts

967-0225
10-88 (Spec AB-AG)
Replaces
8-84 (Spec AB-AG)
Printed in U.S.A.

Supplement: 967-2002
Date: 9-94
Insert With-
Title: "J" Series Diesel
Parts Catalog Spec
Advance
Number: As Listed Below

This Supplementary Parts List Spec advances specific "J" series diesel generator sets as shown:

"J" Series Models	New Spec Advance Letter	Catalog Number
DJB Generator Spec AC to	D	967-0221
DJC Generator Spec AD to	E	967-0222
DJE Generator Spec AG to	H	967-0225
RDJC Generator Spec AD to	E	974-0221

Note that all models are being Spec advanced to a single letter due to limited computer space.

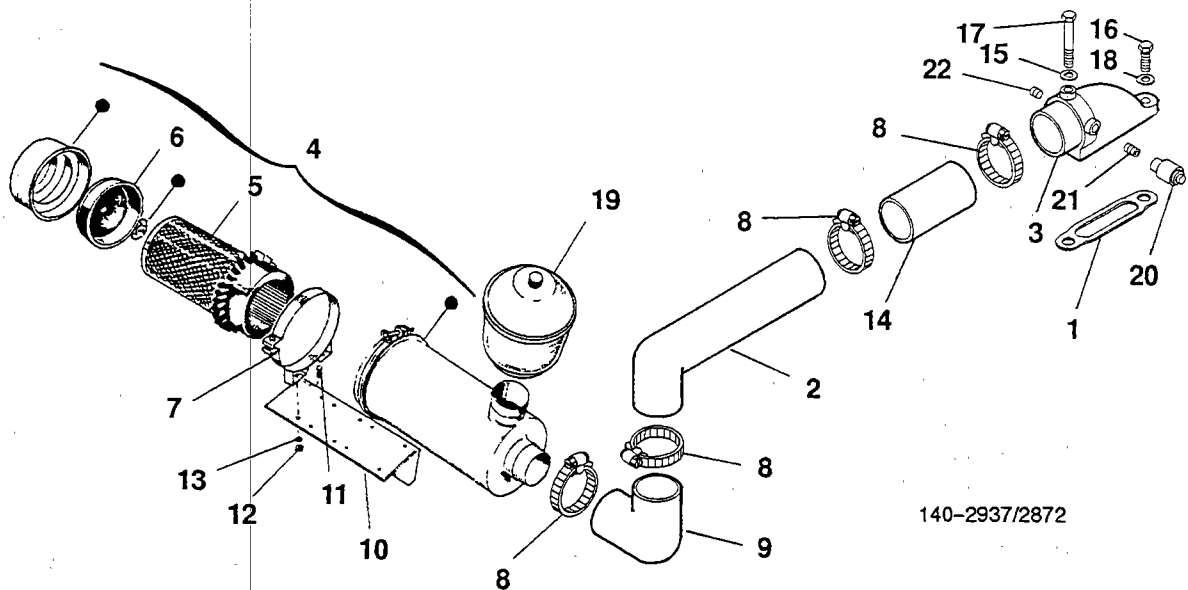
Model DJE was first manufactured in the double Spec letter AB and advanced through the alphabet (AB to AC, AC to AD, etc.) due to manufacturing changes using the double letter format to Spec AG and is now being advanced to the single Spec letter H as shown in the middle column above.

Models DJB, DJC and RDJC were first manufactured in the early 1960's beginning with the single Spec letter A. The Spec letters advanced through the alphabet (A to B, B to C.....Z to AA, AA to AB, etc.) due to manufacturing changes and are now advanced to a single Spec letter as shown in the middle column above. Use caution when ordering service replacement parts for the DJB, DJC and RDJC models. Do not confuse 1994 single letter production models with 1960's single letter production models. Example: When the parts catalog lists two part number choices based on Spec letter differences such as "Spec A through R" and "Begin Spec S", use the "Spec A through R" part number for 1960's single Spec letter production and the "Begin Spec S" part number for 1994 single Spec letter production. Example: When the parts catalog lists three part number choices based on Spec letter differences such as "Spec A through AA", "Spec AB" and "Begin Spec AC", use the "Spec A through AA" part number for 1960's single Spec letter production and the "Begin Spec AC" part number for 1994 single Spec letter production. The following may also be used as a guide: The 1960's production generator set nameplates used a number(s) and letter(s) combination (i.e.: 3CR, 4R, 18R, 53CR, 57XR, 518R, etc.) for the voltage code and is shown near the center of the complete model and Specification number (i.e.: 12.5RDJC-9XR/8066E). With the 1994 production generator set nameplates the voltage code is no longer used (i.e.: 12.5RDJC8066E). When in doubt, obtain the complete model and serial number and consult the factory.

This "J" series diesel supplement covers the change for the "J" series product line standardization program. Some low usage feature options were made obsolete and some high usage feature options were made standard. The following pages reflect these changes. Page headings list the model (s) that the changes apply to. Page headings with no model listed apply to all models.

In addition, the generator page for each catalog has an expanded parts list for the generator and rotor through studs that were not completely covered in prior issues of the parts catalogs.

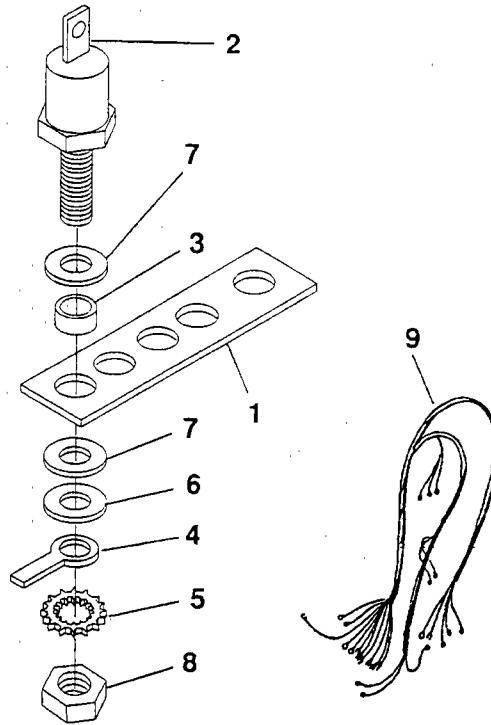
Air Cleaner Heavy Duty DJB, DJC, DJE



140-2937/2872

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	140-0584	1	Gasket	12	862-0015	4	Nut, Hex (5/16-18)
2	140-0741	1	Tube, Air Intake	13	850-0045	4	Washer, Lock - Spring (5/16")
	140-0740	1	DJB, DJE	14	503-0330	1	Hose, Connector
3		1	DJC	15	526-0018	1	Washer, Flat (1/4")
	140-0645	1	Adapter, Air Cleaner	16	800-0007	1	Screw, Cap - Hex Head (1/4-20 x 1")
	140-1212-11	1	DJB, DJE	17	800-0015	1	Screw, Cap - Hex Head (1/4-20 x 3")
4	140-0721	1	DJC	18	850-0040	1	Washer, Lock - Spring (1/4")
		1	Cleaner Assembly, Air (Includes Element and Baffle)	19	140-0723	1	Pre-Cleaner, Air Cleaner
5	140-0765	1	Element	20	140-0961	1	Indicator, Restriction - DJC
6	140-1267	1	Baffle	21	140-1260	1	Fitting, Mounting - Restriction Indicator - DJC
7	140-0722	2	Band, Air Cleaner Mounting	22	505-0008	1	Plug, Slotted (1/8") Air Cleaner Adapter - DJC
8	503-0365	4	Clamp, Hose				
9	503-0419	1	Elbow, Rubber - Moulded				
10	140-1271	1	Bracket, Mounting				
11	800-0024	4	Screw, Cap - Hex Head (5/16-18 x 1-1/2")				

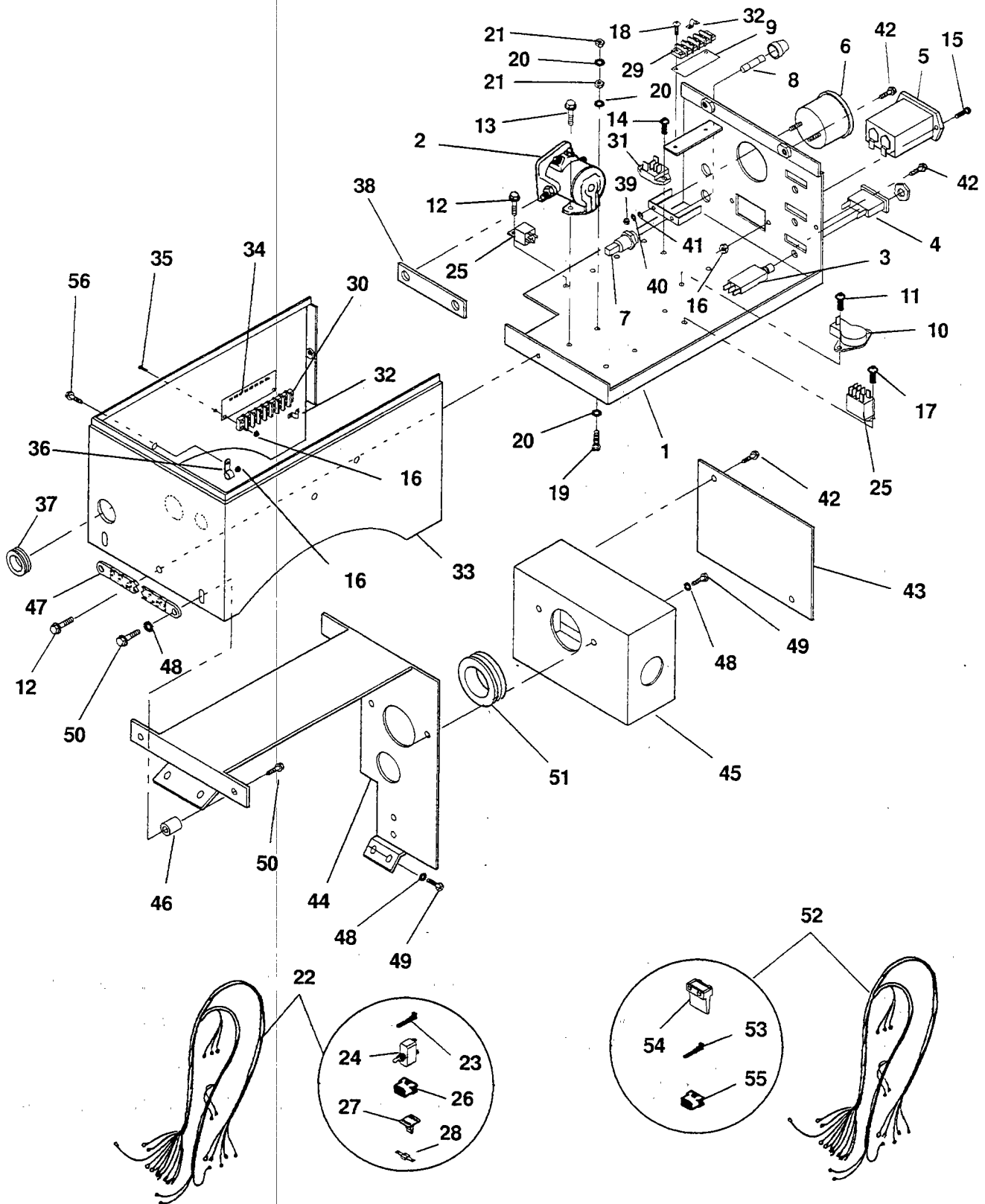
High Air Temperature Switch DJB, DJC, DJE



309-0644

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	309-0195	1	Bracket, Mounting	5	856-0006	1	Washer, Lock - EIT (1/4")
2	309-0206	1	Switch, High Air Temperature (S5)	6	526-0021	1	Washer, Flat (1/4")
3	508-0127	1	Insulator, Sleeveing	7	508-0126	4	Washer, Insulating
4	332-0876	1	Terminal, Ground	8	862-0001	1	Nut, Hex (1/4-20)
				9	338-3197	1	Harness, Wiring - Switch (46")

Control DJB, DJC, DJE



Control DJB, DJC, DJE

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Panel, Control	25			Relay
	319-2035-03	1	Without Indicator Lights		307-2817-01	3	*# K12, K14, K15 (Mounted on right side facing panel front)
	319-2035-04	1	With Indicator Lights				
2			Relay, Solenoid		307-2594	1	# K17 (Sets With Indicator Lights) (Mounted on left side facing panel front)
	307-0845	1	Start (K11)				
	307-1046	1	Pre-Heat (K13)				
3			Breaker, Circuit	26	323-1623	1	*#Connector, Plug (6 Place) (P1)
	320-1706-14	1	Without Indicator Lights (CB4)	27	323-1624	1	*#Wedge, Connector (Used in P1)
	320-1824-02	3	With Indicator Lights (CB4,5,6)	28	357-0030	1	*#Rectifier (6 Amp) (CR12)
4			Light, Indicator	29	332-0604	1	*#Block, Terminal (5 Place) (TB11)
	322-0108	1	Low Oil Pressure (DS4)	30	332-0706	1	#&Block, Terminal (8 Place) (TB13)
	322-0109	1	High Engine Temp (DS5)	31	305-0880	1	#&Rectifier, Bridge - 20 Amp (CR7)
	322-0111	1	Overspeed (DS6)	32			Jumper - Terminal Block
5	302-0885	1	Meter, Time Totalizing (M12)		332-1043	1	* Sets Without Indicator Lights
6	302-0446	1	Ammeter, DC (M21)		332-1043	2	# Sets With Indicator Lights
7	321-0175	1	Holder, Fuse	33	301-1962	1	Box, Control
8	321-0146	1	Fuse - 10 Amp (F1)	34	332-3223	1	&Strip, Marker
9	332-0616	1	Strip, Marker	35	812-0065	2	&Screw, Machine - Round Head (#6-32 x 5/8")
10	309-0270	1	&Thermostat (S8)				
11	518-0049	2	&Screw, Machine - Round Head W/ET (#8-32 x 1/4")	36	332-0052	1	Clip, Wire
				37	508-0001	1	Grommet
12	821-0004	4	Screw, Self-Locking - Hex Washer Head (#10-32 x 5/16")	38	332-0602	1	Jumper, Solenoid
13	821-0008	3	Screw, Self-Locking - Hex Washer Head (1/4-20 x 5/16")	39	871-0010	4	Nut, Hex - Brass (#10-32)
				40	850-0030	2	Washer, Lock - Spring (#10)
14	815-0544	2	&Screw, Machine - Round Head - Cross Recessed W/IT (#6-32 x 1/2")	41	526-0049	4	Washer, Flat (#10)
				42	821-0040	8	Screw, Self-Locking - Hex Washer Head (#10-32 x 5/16")
15	815-0385	2	Screw, Machine - Round Head (#6-32 x 1/2")	43			Cover, Output Box
					301-2466	1	DJB, DJE
16			Nut, Hex - W/ET (#6-32)		301-0856	1	DJC, DJE Contractor Models
	870-0183	3	Sets Without Indicator Lights	44	301-3683	1	Saddle, Control Mounting
	870-0183	5	Sets With Indicator Lights	45			Box, Output
17	815-0550	2	&Screw, Pan Head - Cross Recessed W/ET (#6-32 x 3/8")		301-2467	1	DJB, DJE
					301-3682	1	DJC, DJE Contractor Models
18	815-0539	2	Screw, Machine - Round Head - Cross Recessed W/IT (#8-32 x 5/8")	46	402-0070	4	Dampner, Vibration
				47	337-0036	1	Strap, Ground
19	810-0153	1	Screw, Machine - Round Head - Brass (1/4-20 x 1")	48	856-0008	7	Washer, Lock - EIT (5/16")
20	856-0006	3	Washer, Lock - W/EIT (1/4")	49	815-0236	6	Screw, Hex Head - Thread Forming (5/16-18 x 5/8")
21	871-0016	2	Nut, Hex - Brass (1/4-20)	50	821-0014	8	Screw, Self-Locking - Hex Washer Head (5/16-18 x 1/2")
22			Harness, Wiring - Control	51	508-0183	1	Grommet
	338-2921-02	1	Sets Without Indicator Lights (Includes Parts Marked *)	52			Harness, Wiring - Engine to Control (Includes Parts Marked @)
	338-2922-02	1	Sets With Indicator Lights (Includes Parts Marked #)		338-2942	1	DJB, DJE
					338-2943	1	DJC
23	323-1492	6	*#Socket, Contact (Used in P1)	53	323-1491	6	@ Pin, Contact (Used in J1)
24			Switch, Toggle	54	323-1626	1	@Wedge, Connector (Used in J1)
			Sets Without Indicator Lights	55	323-1625	1	@ Connector, Receptacle (J1)
	308-0345	1	* Start/Stop (S11)	56	812-0065	1	Screw, Machine - Round Head (#6-32 x 5/8")
	308-0037	1	* Pre-Heat (S13)				
			Sets With Indicator Lights				
	308-0329	1	# Start/Stop/Test (S11)				
	308-0037	1	# Pre-Heat (S13)				

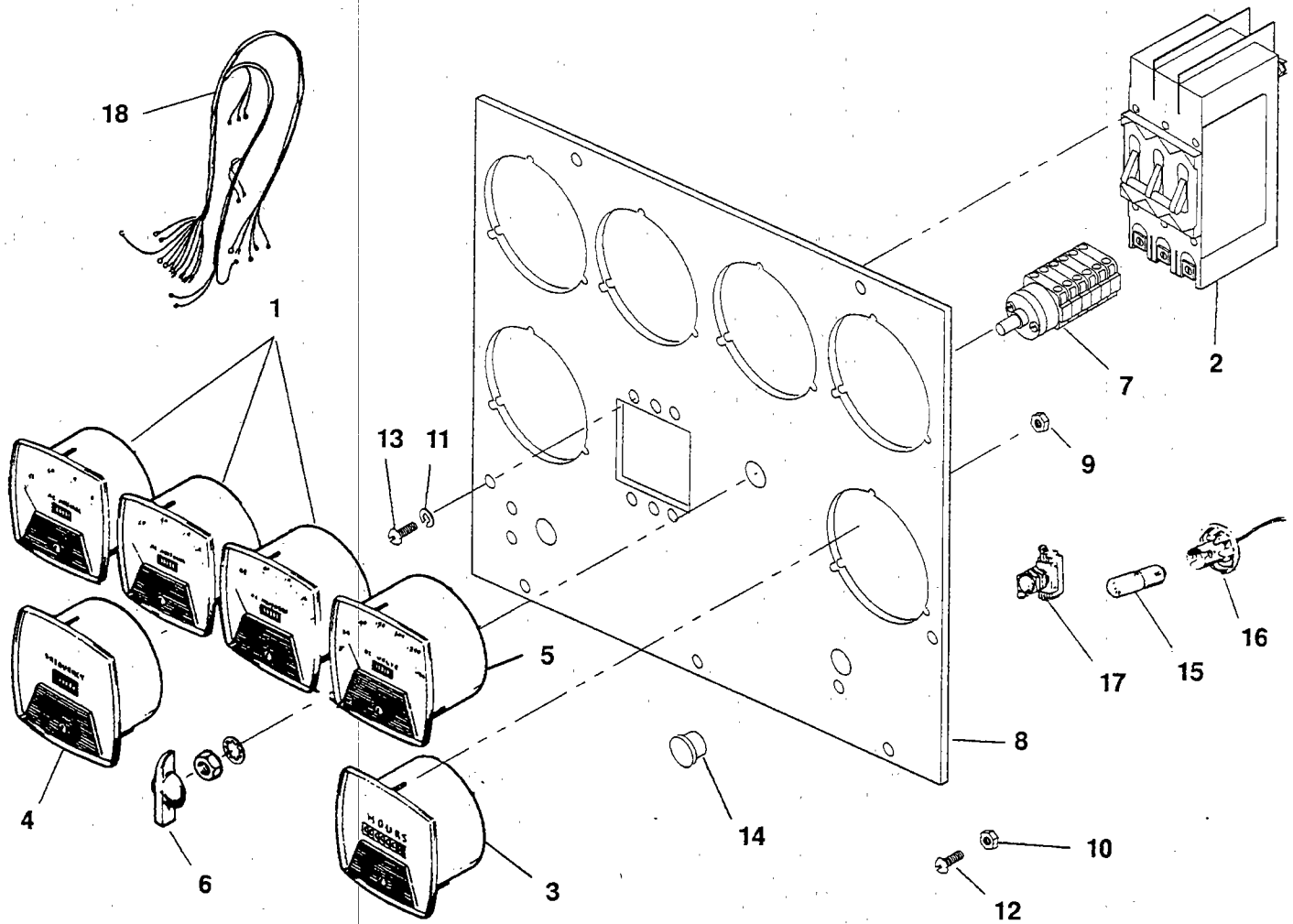
& - Parts Used on Sets With Indicator Lights

* - Parts Included in 338-2921-02 Control Wiring Harness

- Parts Included in 338-2922-02 Control Wiring Harness

@ - Parts Included in 338-2942 and 338-2943 Engine to Control Wiring Harnesses

AC Meter Panel DJB, DJC, DJE

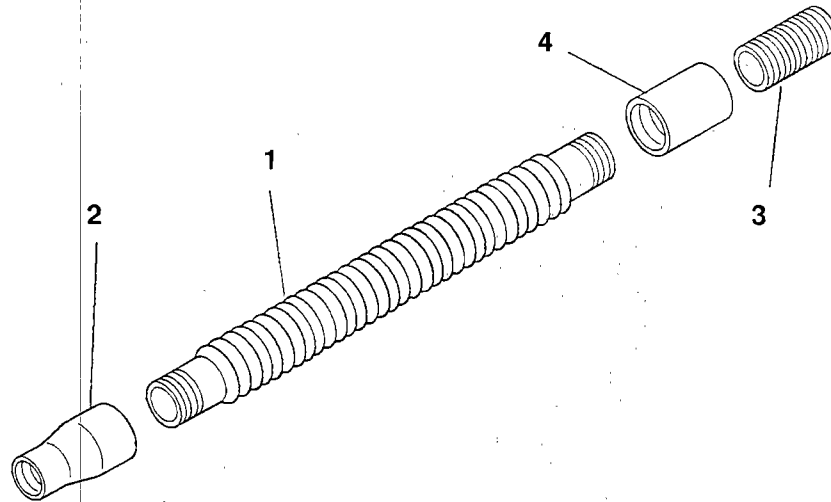


612-6638

AC Meter Panel DJB, DJC, DJE

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Ammeter, AC (Quantity Used: 2 for Sets With 2-Pole Break- ers, 3 for Sets With 3-Pole Breakers) (M3,M4 - Sets With 2-Pole Breakers, M2,M3,M4 - Sets With 3-Pole Breakers)	3			Meter, Time Totalizing (M1 - Sets With 2-Pole Breakers, M5 - Sets With 3-Pole Breakers)
	302-0460	1	Scale Reads 0-20		302-0468	1	Sets With 2-Pole Breakers 50 Hertz
	302-0418	1	Scale Reads 0-30		302-0465	1	60 Hertz
	302-0444	1	Scale Reads 0-35				Sets With 3-Pole Breakers 50 Hertz
	302-0419	1	Scale Reads 0-50		302-0468	1	Under 300 Volts AC
	302-0458	1	Scale Reads 0-80		302-0469	1	Over 300 Volts AC
2			Breaker, Circuit (CB1)				60 Hertz
			Two Pole Breakers		302-0465	1	Under 300 Volts AC
			50 Hertz		302-0466	1	Over 300 Volts AC
	320-1841-02	1	15 Amp	4			Meter, Frequency (M5 for Sets With 2-Pole Breakers, M6 for Sets With 3-Pole Breakers)
	320-1841-03	1	20 Amp		302-1338	1	Sets With 2-Pole Breakers
	320-1841-04	1	25 Amp				Sets With 3-Pole Breakers
	320-1841-05	1	30 Amp		302-1338	1	Under 300 Volts AC
	320-1841-08	1	45 Amp		302-1340	1	Over 300 Volts AC
	320-1841-12	1	65 Amp				Voltmeter, AC (M2 for Sets With 2-Pole Breakers, M1 for Sets With 3-Pole Breakers)
			60 Hertz	5			Scale Reads 0-300
	320-1841-03	1	20 Amp		302-0421	1	Scale Reads 0-500
	320-1841-04	1	25 Amp		302-0612	1	
	320-1841-05	1	30 Amp	6	303-0076	1	Knob, Rotary Switch
	320-1841-06	1	35 Amp	7	308-1021-02	1	Switch, Rotary (S1)
	320-1841-07	1	40 Amp	8			Panel, Meter
	320-1841-09	1	50 Amp		301-2288	1	Sets With 2-Pole Breakers
	320-1841-11	1	60 Amp		319-2233-02	1	Sets With 3-Pole Breakers
	320-1841-13	1	70 Amp				Nut, Hex - W/ET (#4-40)
			Three Pole Breakers	9			Sets With 2-Pole Breakers
			50 Hertz		870-1220	15	Sets With 3-Pole Breakers
			Under 300 Volts AC	10	870-1220	18	Nut, Hex - W/ET (#8-32)
	320-1827-03	1	20 Amp	11	870-0221	5	Washer, Lock - Spring (#6)
	320-1827-04	1	25 Amp		850-0020	4	Sets With 2-Pole Breakers
	320-1827-06	1	35 Amp		850-0020	6	Sets With 3-Pole Breakers
	320-1827-07	1	40 Amp	12	812-0076	5	Screw, Maching - Round Head (#8-32 x 5/16")
	320-1827-09	1	50 Amp				Screw, Machine - Round Head (#6-32 x 3/8")
	320-1827-10	1	55 Amp		812-0061	4	Sets With 2-Pole Breakers
			Over 300 Volts AC		812-0061	6	Sets With 3-Pole Breakers
	320-1827-01	1	10 Amp	14			Plug, Hole
	320-1827-02	1	15 Amp		517-0131	1	Fits 3/8" Hole
	320-1827-03	1	20 Amp		517-0132	1	Fits 7/16" Hole
	320-1827-04	1	25 Amp	15	322-0004	2	Bulb, Panel Light (DS1, DS2)
	320-1827-05	1	30 Amp	16	322-0072	2	Socket, Panel Light
	320-1827-08	1	45 Amp	17			Switch, Toggle
	320-1827-09	1	50 Amp		308-0002	1	Panel Light (S1)
	320-1827-11	1	60 Amp		308-0154	1	Start/Stop (S2)
			Over 300 Volts AC		308-0037	1	Manifold Heater (S3)
	320-1827-02	1	15 Amp	18			Harness, Wiring - Remote
	320-1827-03	1	20 Amp		338-0496	1	Control to Output Box (5 Wire, 36") (W1)
	320-1827-04	1	25 Amp				Control to Start/Stop and Manifold Heater Switches (4 Wire, 50") (W2)
	320-1827-05	1	30 Amp		338-0939	1	
	320-1827-06	1	35 Amp				

Exhaust

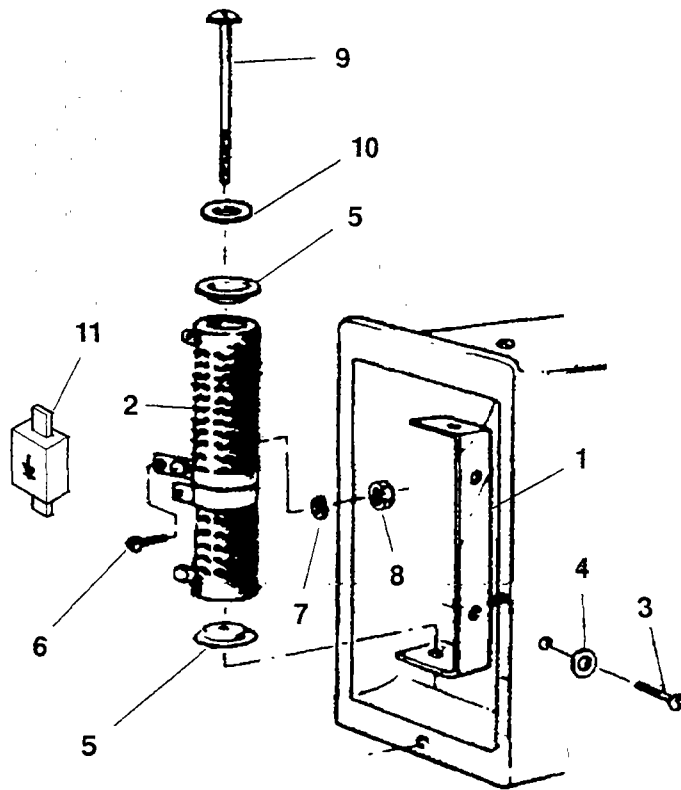


155-2838

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	155-2355-13	1	Tube, Exhaust (18")
2	505-0036	1	Coupling, Reducer - Pipe (1-1/2" to 1-1/4")

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
3	505-0177	1	Nipple, Close - Pipe (1-1/2")
4	505-0032	1	Coupling, Pipe (1-1/2")

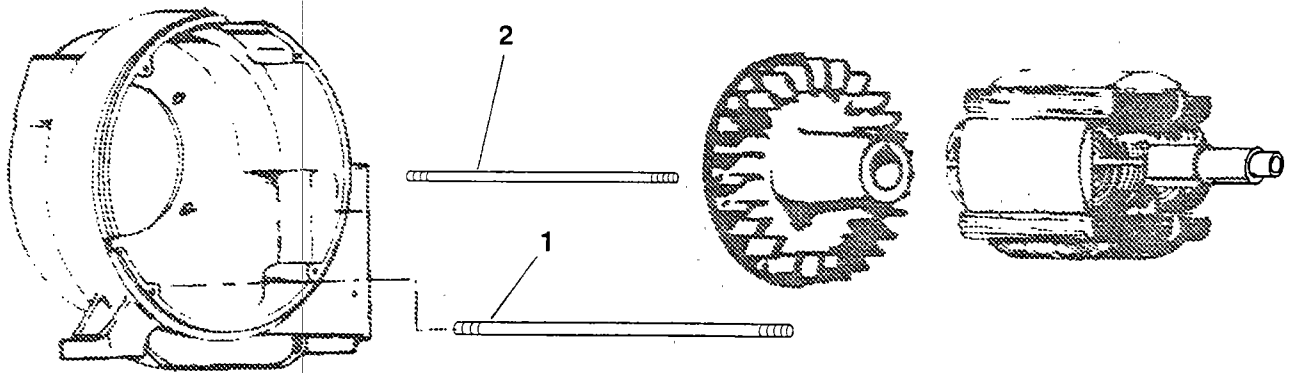
Resistor Generator Air Outlet



304-0824

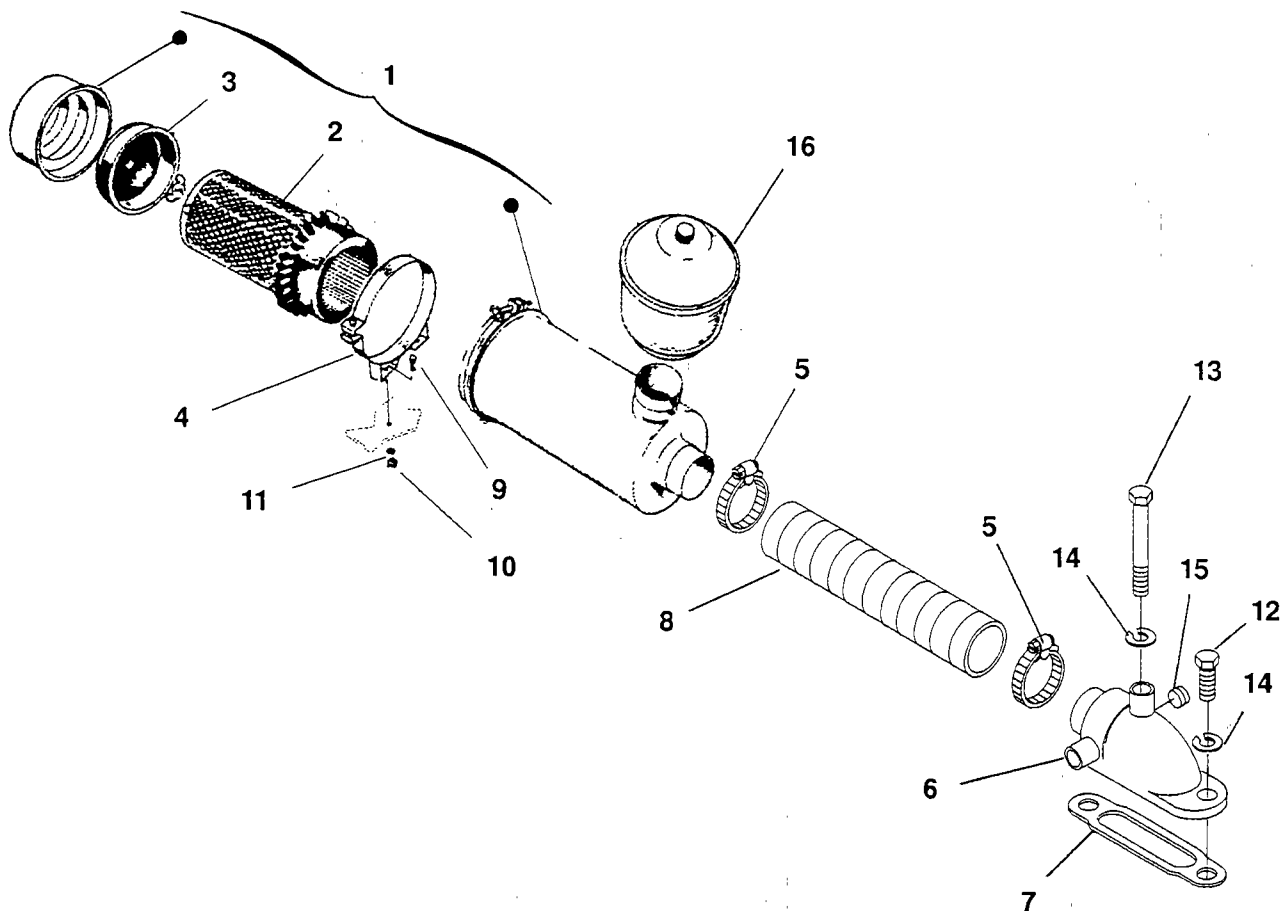
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	232-2399	1	Bracket, Resistor Mounting	7	856-0003	1	Washer, Lock - EIT (#10)
2	304-0500	1	Resistor, Tapped - Adjustable (2 Ohm, 150 Watt)	8	871-0010	1	Nut, Hex - Brass (#10-32)
3	800-0004	2	Screw, Cap - Hex Head (1/4-20 x 5/8")	9	812-0169	1	Screw, Machine - Round Head (1/4-20 x 5-1/2")
4	850-0040	2	Washer, Lock - Spring (1/4")	10	853-0013	1	Washer, Lock - ET (1/4")
5	304-0006	2	Washer, Centering	11	357-0067	1	Rectifier (6 Amp, 400 Volt)
6	811-0098	1	Screw, Machine - Round Head (Brass) (#10-32 x 3/8")				

Generator
DJB, DJC, RDJC – Begin Spec AA
DJE – All Models



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Stud, Generator Through (3/8" Diameter)	2			Stud, Rotor Through (7/16" Diameter)
			DJB, DJE				DJB, DJE
	520-0794	4	7-9/16" Long		520-0786	1	13-7/16" Long
	520-0795	4	8-1/4" Long		520-0787	1	14-1/8" Long
	520-0797	4	9-15/16" Long		520-0789	1	15-9/16" Long
			DJC				DJC
	520-0797	4	9-15/16" Long		520-0789	1	15-9/16" Long
	520-0798	4	10-5/8" Long		520-0790	1	16-1/4" Long
			RDJC				RDJC
	520-0797	4	9-15/16" Long		520-0789	1	15-9/16" Long
	520-0798	4	10-5/8" Long		520-0790	1	16-1/4" Long
	520-0799	4	11-3/8" Long		520-0791	1	17" Long

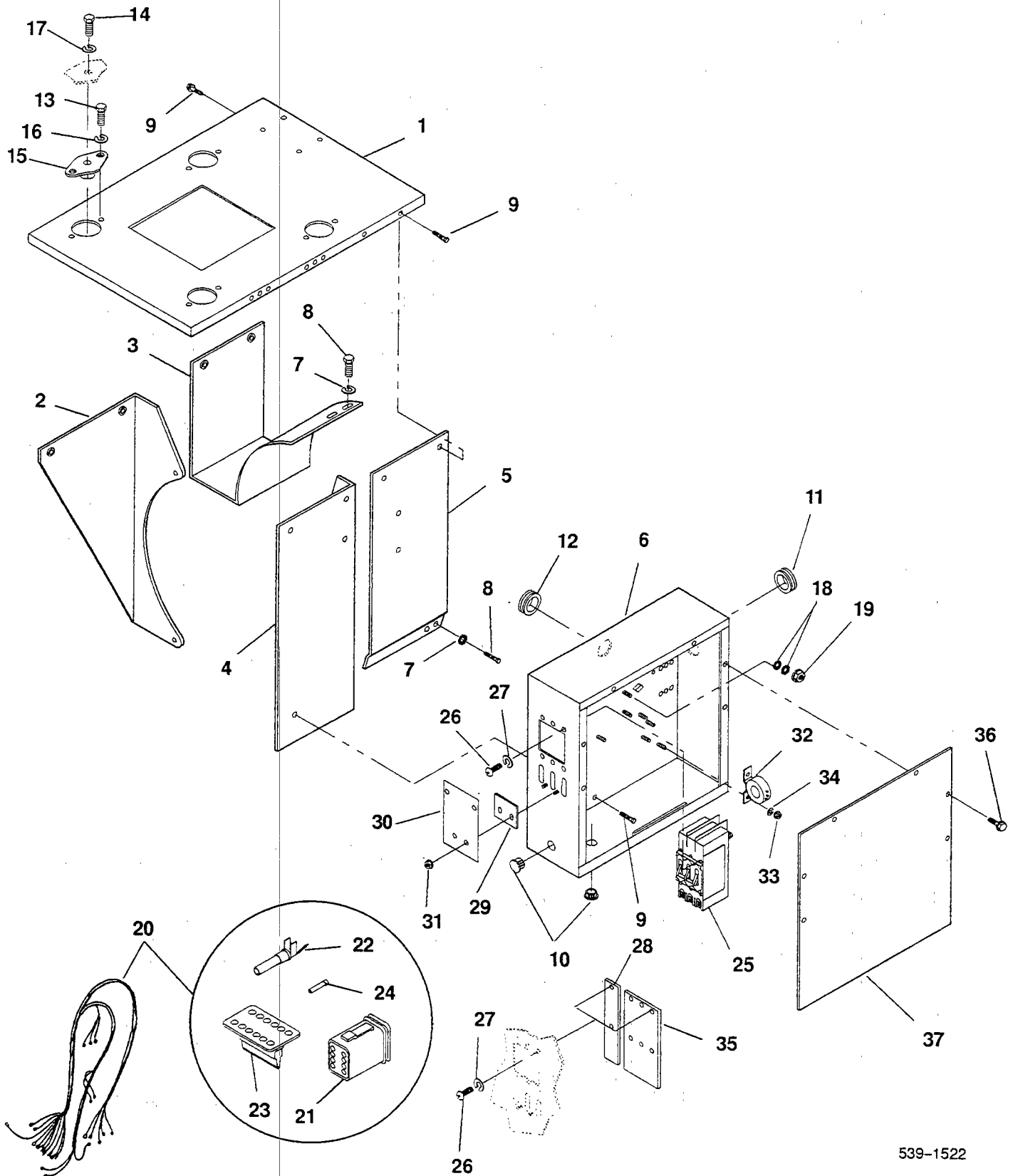
Air Cleaner RDJC



140-2856

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	140-0721	1	Cleaner Assembly, Air (Includes Element and Baffle)	9	800-6057	4	Screw, Cap - Hex Head (M8 x 20mm)
2	140-0765	1	Element	10	860-2058	4	Nut, Hex (M8)
3	140-1267	1	Baffle	11	850-2058	4	Washer, Lock - Spring (M8)
4	140-0722	2	Band, Air Cleaner Mounting	12	800-0007	1	Screw, Cap - Hex Head (1/4-20 x 1")
5	503-1141	2	Clamp, Hose	13	800-0015	1	Screw, Cap - Hex Head (1/4-20 x 3")
6	140-1212-11	1	Adapter, Air Cleaner	14	850-0040	2	Washer, Lock - Spring (1/4")
7	140-0584	1	Gasket	15	505-0008	2	Plug, Pipe - Slotted (1/8")
8	503-0082	-	Hose, Air Cleaner - Bulk (2" ID) (Order by the foot - 2 feet required)	16	140-0723	1	Pre-Cleaner, Air Cleaner

Output Box RDJC



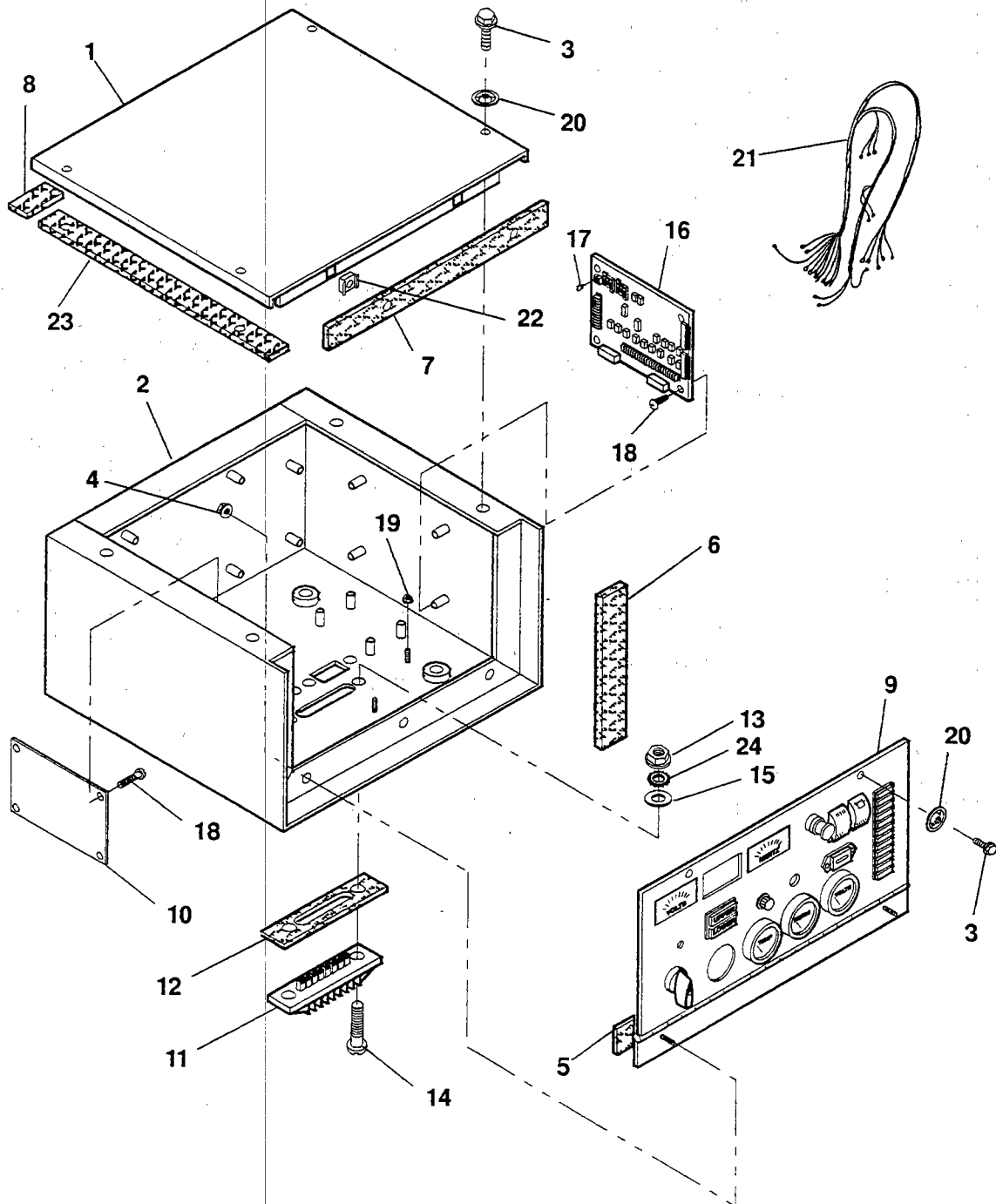
539-1522

Output Box RDJC

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-2170	1	Bracket, Mounting - Top				Three Pole Breakers
2	319-2173	1	Support, Mounting - Right Side				480 Volt
3	319-2171	1	Bracket, Mounting - Right Side	320-1827-04	1		25 Amp
4	319-2175	1	Support, Mounting - Left Side	320-1827-05	1		30 Amp
5	319-2172	1	Bracket, Mounting - Left Side	320-1827-06	1		35 Amp
6	319-2174	1	Box, Output	320-1827-07	1		40 Amp
7	856-0008	4	Washer, Lock - EIT (5/16")	320-1827-08	1		45 Amp
8	815-0236	4	Screw, Hex Head - Thread Forming (5/16-18 x 5/8")	320-1827-09	1		50 Amp
9	815-0756	12	Screw, Flanged - Hex Head (M6 x 14mm)	320-1827-10	1		55 Amp
10	517-0137	2	Plug, Hole	320-1827-11	1		60 Amp
11	508-0051	1	Grommet (Fits 2" Hole)	320-1827-12	1		65 Amp
12	508-0117	1	Grommet (Fits 1-3/8" Hole)				600 Volt
13	800-3020	8	Screw, Cap - Hex Head - With Washer and Nylon Patch (M4 x 14mm)	320-1851-03	1		20 Amp
14	800-2060	4	Screw, Cap - Hex Head (M8 x 35mm)	320-1851-04	1		25 Amp
15	402-0666	4	Isolator, Vibration	26	812-0061	6	Screw, Machine - Round Head (#6-32 x 3/8")
16	850-0114-51	8	Washer, Lock - Spring (M4)	27	850-0020	6	Washer, Lock - Spring (#6)
17	850-0114-54	4	Washer, Lock - Spring (M8)	28	319-2185	1	Plate, Cover - Used With Two Pole Circuit Breakers
18	853-2006	2	Washer, Lock - EIT (M6)	29	319-2087	1	Cover, Circuit Breaker
19	860-2007	1	Nut, Hex (M6)	30	98-6803	1	Label - Blank (Used as a Hinge)
20	338-2990	1	Harness, Wiring - Output Box to Control (Includes Parts Marked *)	31	821-2032	2	Nut, Self-Locking - Hex Washer Head (M6)
21	323-1634	1	*Connector, Plug (12 Place) (J21)	32			Transformer, Current (CT21, CT22, CT23)
22	323-1492	11	*Socket, Contact (Used in J21)	302-1984-02	3		Ratio 25/5
23	323-1583	1	*Wedge, Connector (Used in J21)	302-1984-03	3		Ratio 50/5
24	323-1591	1	*Plug, Connector (Used in J21)	302-1984-04	3		Ratio 75/5
25			Breaker, Circuit (CB21)	302-1984-05	3		Ratio 100/5
			Two Pole Breakers - 240 Volt	33	860-2057	6	Nut, Locking - Hex Flange (M6)
	320-1841-06	1	35 Amp	34	850-2056	6	Washer, Lock - Spring (M6)
	320-1841-07	1	40 Amp	35	319-2184	1	Plate, Cover - Generator Sets Without Circuit Breakers
	320-1841-08	1	45 Amp	36	815-0756	6	Screw, Flange Head (M6 x 14mm)
	320-1841-09	1	50 Amp	37	319-2169	1	Cover, Output Box
	320-1841-10	1	55 Amp				
	320-1841-11	1	60 Amp				
	320-1841-12	1	65 Amp				
	320-1841-13	1	70 Amp				
	320-1841-14	1	75 Amp				

* - Parts Included in 338-2990 Wiring Harness

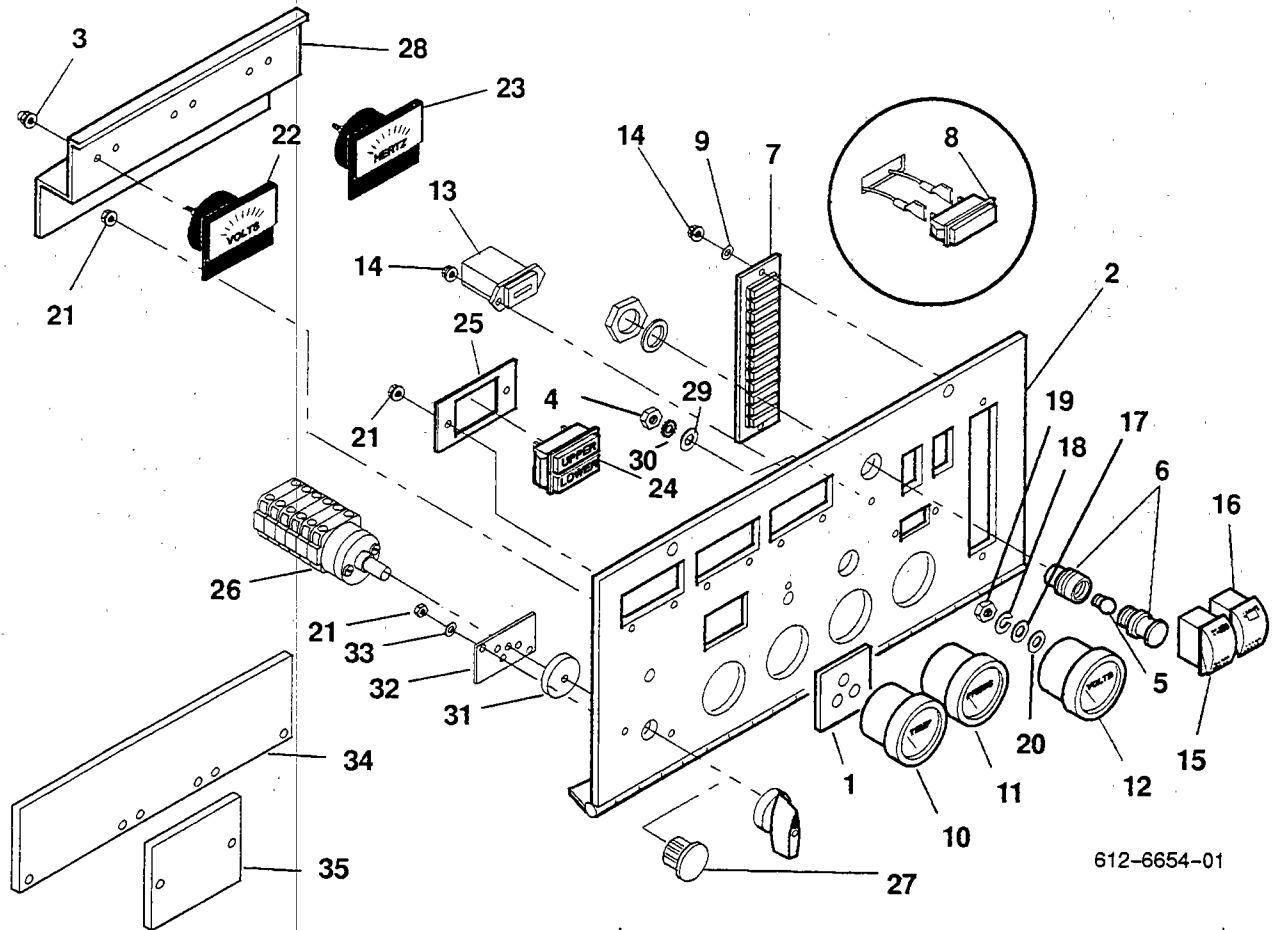
Control RDJC



Control RDJC

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-2100-01	1	Cover, Control Box	16			Board, Printed Circuit - Engine
2	319-2105	1	Box, Control				Monitor (Includes Fuses) (A11)
3	800-2034-01	6	Screw, Cap - Hex Head (M6 x 20mm)	300-4294	1		Sets With 7 Light Control
4	870-2058	3	Nut, Hex - W/ET (M5)	300-4296	1		Sets With 12 Light Control
5	895-0337	1	Gasket, Foam - Hinge	17			Fuse
6	895-0336	2	Gasket, Foam - Sides	321-0307-03	2		5 Amp (Tan) (F4,F5)
7	895-0338	1	Gasket, Foam - Top	321-0307-06	1		15 Amp (Light Blue) (F3)
8	895-0339	1	Gasket, Foam - Cover - Rear	321-0307-07	2		20 Amp (Yellow) (F1,F2)
9	-	1	Panel Assembly, Control (See Separate Page for Components)	18	815-0550	8	Screw, Machine - Round Head - Cross Recessed W/IT (#6-32 x 3/8")
10	300-2898	1	Board, Printed Circuit - Time Delay - Start/Stop/Preheat (A15)	19	870-0183	3	Nut, Hex - W/EIT (#6-32)
11	332-3239	1	Block, Terminal - 8 Place (TB1)	20	526-0422	6	Washer, Retainer - Nylon
12	332-3244	1	Gasket, Terminal Block	21	-	2	Harness, Wiring - Control Panel, Engine to Control (See Separate Page for Components)
13	870-0131	2	Nut, Hex - W/ET (#10-32)	22	870-2195	2	Nut, Captive - Floating (M6)
14	813-0108	2	Screw, Machine - Round Head Slotted (#10-32 x 1-1/2")	23	895-0353	2	Gasket, Foam - Cover - Sides
15	526-0008	2	Washer, Flat (#10)	24	853-0008	2	Washer, Lock - ET (#10)

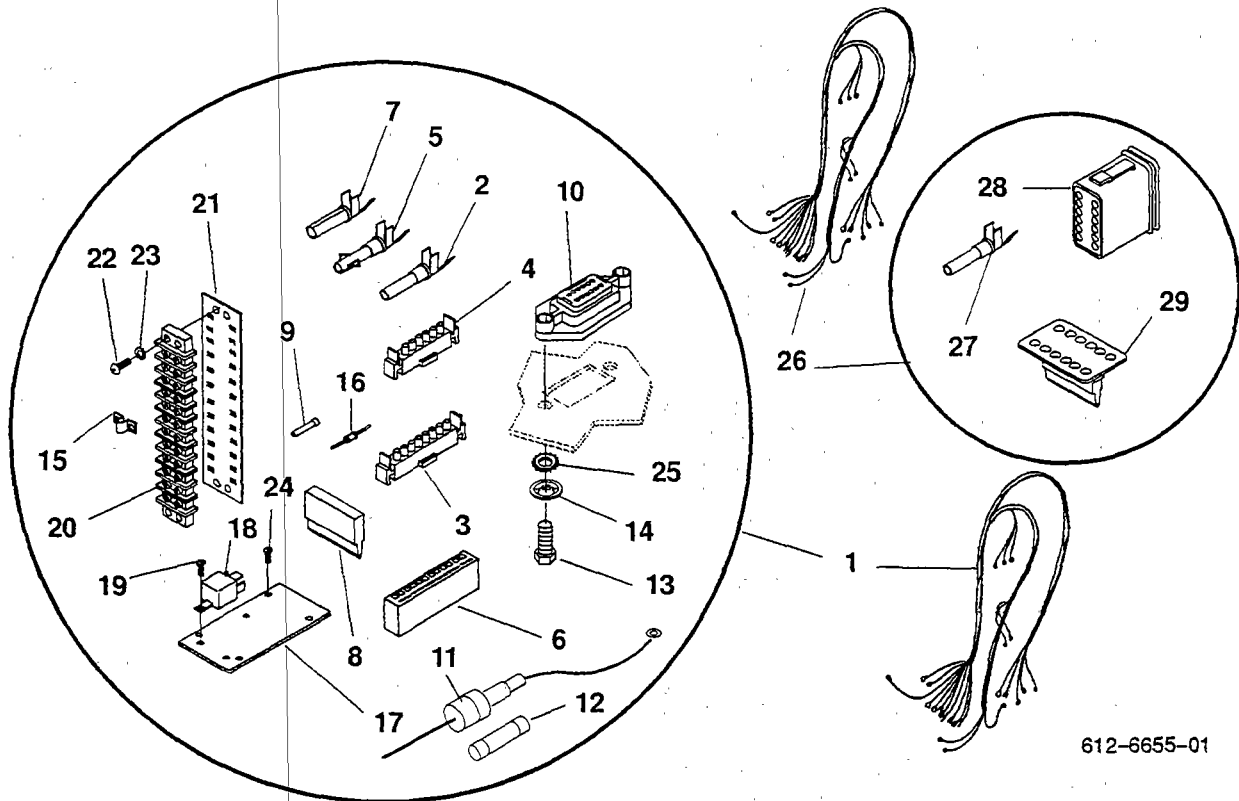
Control Panel Assembly RDJC



Control Panel Assembly RDJC

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	300-4323	1	Board, Printed Circuit - Water Temperature Gauge	19	871-0010	10	Nut, Hex - Brass (#10-32)
2	319-2491-02	1	Panel, Control	20	526-0409	8	Washer, Nylon
3	870-0439	6	Nut, Acorn (1/4-28)	21	870-1220	10	Nut, Hex - W/ET (#4-40)
4	870-0183	1	Nut, Hex - W/ET (#6-32)	22	302-1148	1	Voltmeter (M21)
5	322-0004	1	Bulb, Panel Light - Replacement	23	302-1968	1	Meter, Frequency (M23)
6	322-0361	1	Light, Panel (DS11)	24	322-0363	1	Light, Indicator - Upper/Lower Scale (DS21,DS22)
7			Light Assembly, Indicator (Includes Wiring Harness and Connector Housing) (A12)	25	319-2141	1	Bracket, Mounting - Indicator Light
	322-0359-01	1	7 Light Assembly	26	308-1052	1	Switch, Rotary - Voltmeter/Am-meter (Includes Knob) (S21)
	322-0360-01	1	12 Light Assembly	27	517-0311	1	Plug, Hole - Sets Without Rotary Switch
8	322-0369-01	1	Light, Indicator - Replacement	28	319-2144	1	Cover, Meter - Lexan
9	526-0196	2	Washer, Flat (7/32" ID x 7/16" OD x 1/8" Thk)	29	526-0002	1	Washer, Flat (#6)
10	193-0351	1	Gauge, Water Temperature (M12)	30	853-0005	1	Washer, Lock - ET (#8)
11	193-0352	1	Gauge, Oil Pressure (M11)	31	308-1056	1	Gasket, Switch
12	302-1641	1	Voltmeter (M13)	32	319-2490	1	Bracket, Mounting - Switch
13	302-0885	1	Meter, Time Totalizing (M14)	33	526-0196	2	Washer, Flat (7/32" ID x 7/16" OD x 1/8" Thk)
14	870-1220	4	Nut, Hex - W/ET (#4-40)	34	319-2143	1	Plate, Cover - AC Meter Openings - Sets Without AC Meters
15	308-1011	1	Switch, Rocker - Run/Stop/Remote (S12)	35	319-2142	1	Plate, Cover - Upper/Lower Scale Opening - Sets Without Upper/Lower Scale Indicator Lights
16	308-1010	1	Switch, Rocker - Lamp Test/Restart (S11)				
17	526-0049	13	Washer, Flat - Brass (#10)				
18	850-0030	5	Washer, Lock - Spring (#10)				

Wiring Harness RDJC



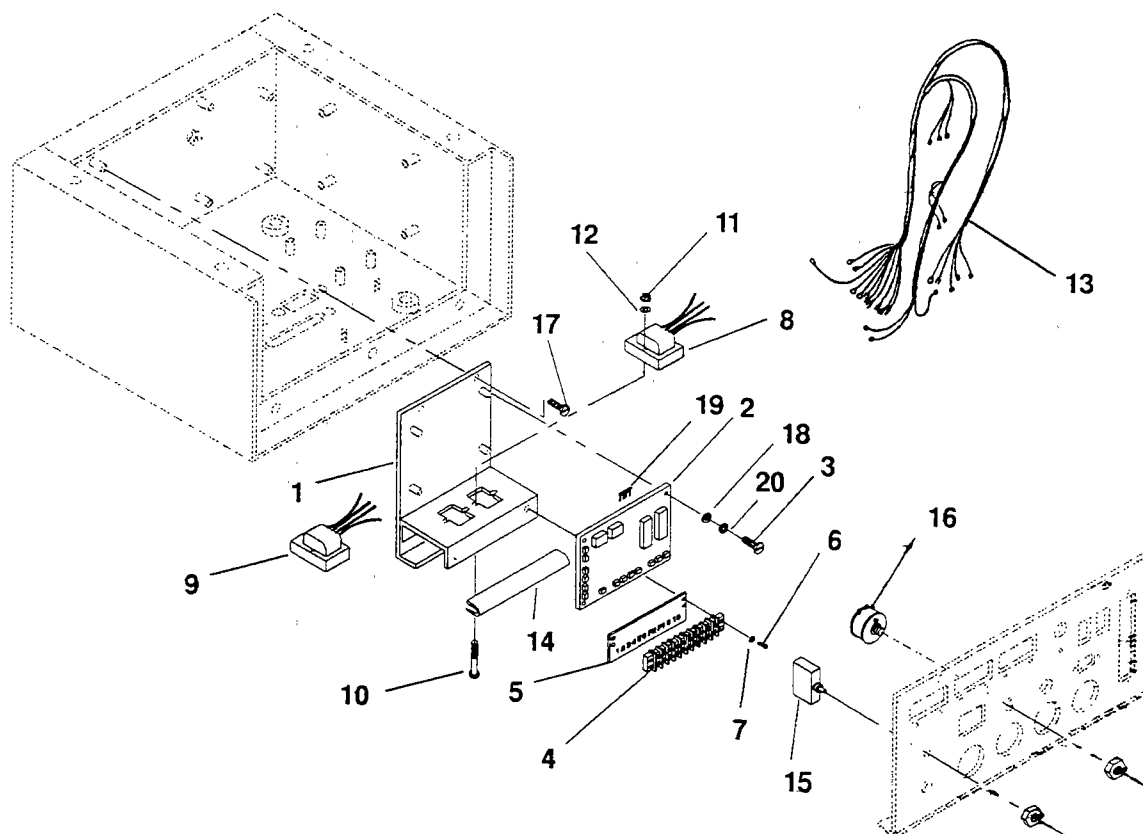
612-6655-01

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Harness, Wiring - Control Panel (Includes Parts Marked *)	16	350-1222	1	Resistor (1.5k Ohms) (Used on TB21)
	338-2991-02	1	Sets Without AC Meters	17	319-2140	1	Plate, Relay Mounting
	338-2992-02	1	Sets With AC Meters	18	307-2817-01	3	Relay (K11,K12,K13)
2	323-1491	21	*Pin, Contact (Used in P1, P21)	19	821-0040	3	Screw, Locking - Slotted - Hex Flange Head (#10-32 x 5/16")
3	323-1306	1	*Housing, Connector - 8 Place (J1)	20	332-0607	1	Block, Terminal - 12 Place (TB21)
4	323-1304	2	*Housing, Connector - 6 Place (J1,J2)	21	332-2723	1	Strip, Marker
5	323-1200-01	15	*Socket, Contact (Used in J1,J2)	22	812-0028	2	Screw, Machine - Round Head (#4-40 x 5/16")
6	323-1308	1	*Housing, Connector - 12 Place (J4)	23	853-0003	2	Washer, Lock - W/ET (#4)
7			*Pin, Contact (Used in J4)	24	815-0550	4	Screw, Fillister Head - Cross Recessed W/IT (#6-32 x 3/8")
	323-1302	11	Sets Without AC Meters	25	856-0006	1	Washer, Lock - Countersunk W/ET (1/4") (Used on Plug End of Ground Terminal of Engine Wiring Harness 338-2991-02)
	323-1302	8	Sets With AC Meters	26	338-3036	1	Harness, Wiring - Engine to Control (Includes Parts Marked #)
8	323-1581	2	*Wedge, Receptacle (Used in P1, P21)	27	323-1492	7	#Socket, Contact (Used in J1)
9	323-1591	3	*Plug, Connector (Used in P1, P21)	28	323-1582	1	#Plug, Connector - 12 Place (J1)
10			*Connector, Receptacle - 12 Place	29	323-1583	1	#Wedge, Plug (Used in J1)
	323-1633-01	1	Grey (P1)				
	323-1633-02	1	Black (P21)				
11	321-0330	1	*Holder Assembly, Fuse (Includes Fuse)				
12	321-0113	1	*Fuse - 30 Amp (F1)				
13	800-2033-01	4	Screw, Cap - Hex Head (M6 x 16mm)				
14	526-0422	4	Washer, Retainer - Nylon				
15	332-1043	1	Jumper (Used on TB21)				

* - Parts Included in Control Panel Wiring Harnesses

- Parts Included in 338-3036 Engine Wiring Harness

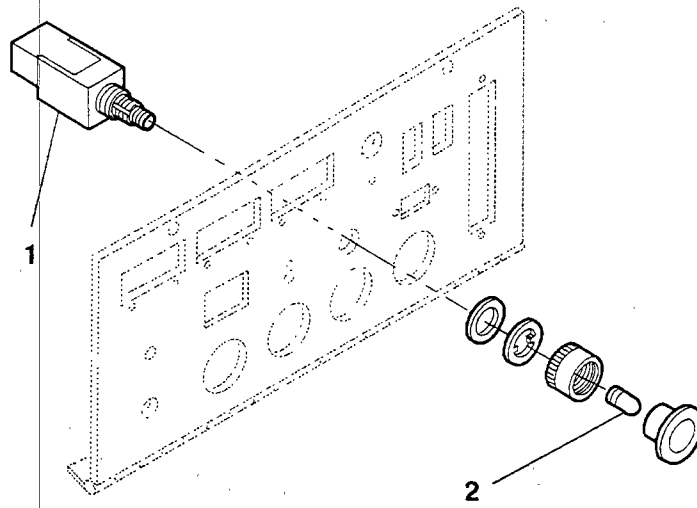
Voltage Regulator RDJC



300-4330-01

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	305-0895	1	Plate, Mounting	11	870-0183	4	Nut, Hex - Locking - W/ET (#6-32)
2			Board, Printed Circuit - Voltage Regulator (VR21)	12	526-0002	4	Washer, Flat (#6)
	300-1540	1	Assembly With Visible Components	13			Harness, Wiring - Voltage Regulator (VRTB to VR21)
	305-0688	1	Assembly With Potted Components		338-3008	1	Used With 300-1540 Voltage Regulator Board (5 Wire)
3			Screw, Machine - Round Head		338-3006	1	Used With 305-0688 Voltage Regulator Board (7 Wire)
	812-0061	4	Used With 300-1540 Voltage Regulator Board (#6-32 x 3/8")	14	508-0139	-	Channel, Rubber - Bulk (Order by the foot - 1 foot required)
	812-0071	4	Used With 305-0688 Voltage Regulator Board (#6-32 x 1-1/2")	15	320-1121-01	1	Breaker, Circuit - 3 Amp (CB21)
4	332-0751	1	Block, Terminal (10 Place) (VRTB21)	16	303-0261	1	Potentiometer (R21)
5	332-3247	1	Strip, Marker (10 Place)	17	815-0428	2	Screw, Pan Head - W/ET (#10-32 x 3/8")
6	812-0082	2	Screw, Machine - Round Head (#8-32 x 3/4")	18	526-0002	4	Washer, Flat (#6) Used With 305-0688 Voltage Regulator Board
7	853-0005	2	Washer, Lock - ET (#8)	19	332-2605	1	Jumper - Used With 305-0688 Voltage Regulator Board
8	315-0386	1	Transformer, Voltage (T21)	20	853-0003	4	Washer, Lock - W/ET (#6) Used With 305-0688 Voltage Regulator Board
9	315-0391	1	Reactor (CMR21)				
10	812-0071	4	Screw, Machine - Round Head (#6-32 x 1-1/2")				

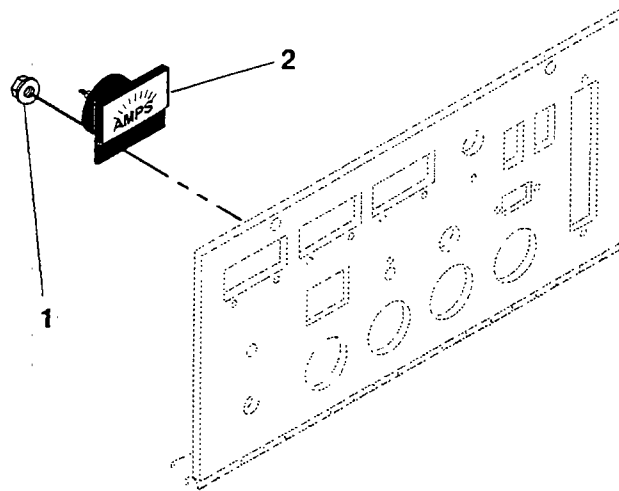
Emergency Stop Switch RDJC



300-4334

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	308-1026	1	Switch, Pushbutton - Emergency Stop (Includes Bulb) (S14)	2	322-0223	1	Bulb, Replacement

AC Ammeter RDJC



300-4333

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	870-1220	2	Nut, Hex - W/ET (#4-40)	2	302-1473	1	Ammeter (0-50/100) (M22)

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INTRODUCTION

This catalog applies to the standard DJE Generator Sets as listed in the Generator Set Data Table. Parts are arranged in groups of related items and each illustrated part is identified by a reference number corresponding to the same reference number in the parts list. Unless otherwise mentioned in the description, parts are interchangeable between models. Parts illustrations are typical. Using the model and specification number from your generator set nameplate, select parts that apply to your set. Right and left sides are determined by *facing* the engine end (front) of the set.

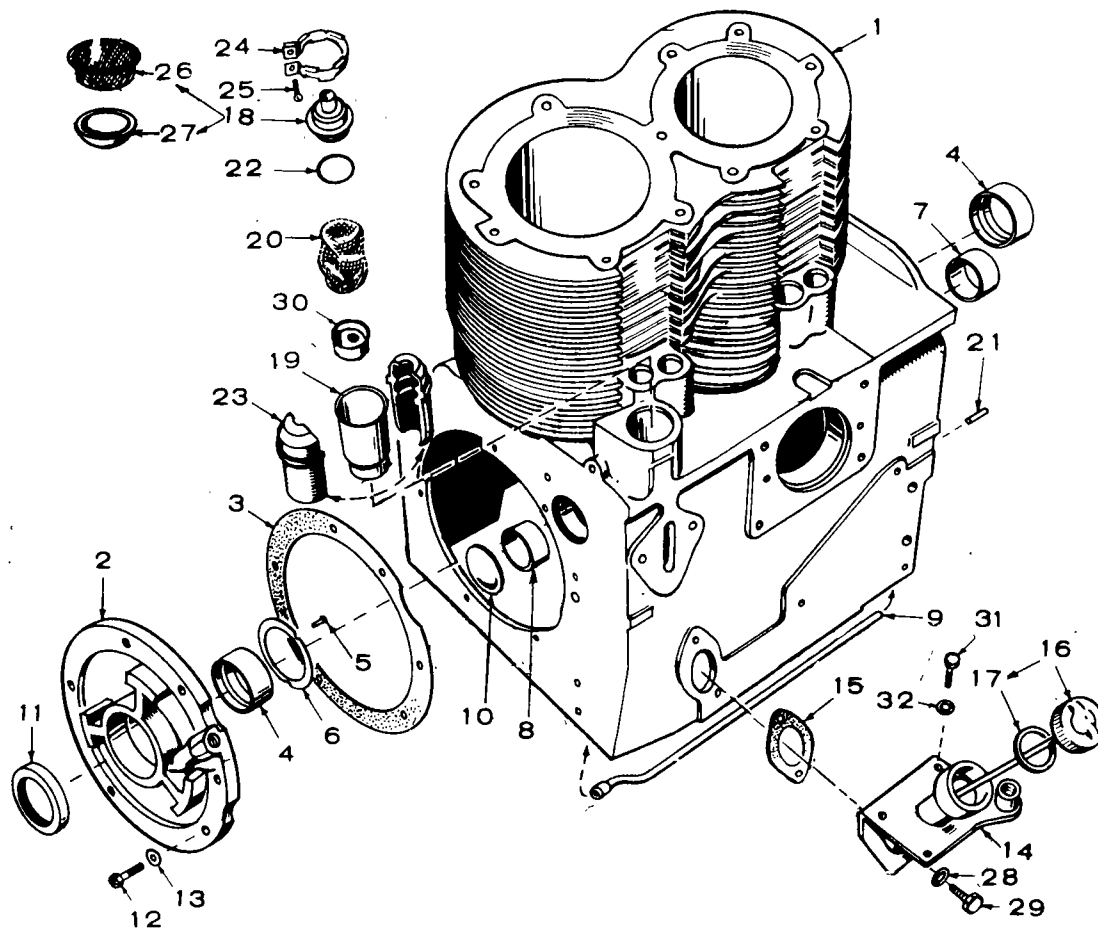
GENERATOR SET DATA TABLE

MODEL AND SPECIFICATION	ELECTRICAL DATA				
	WATTS	VOLTS	HERTZ	WIRE	PHASE
4.5 DJE-53CR/*	4,500	120/240	50	4	1
4.5 DJE-57R/*	4,500	220/380	50	4	3
4.5 DJE-518R/*	4,500	★	50	12	3
6.0 DJE-3CR/*	6,000	120/240	60	12	1
6.0 DJE-4R/*	6,000	120/208	60	4	3
6.0 DJE-4XR/*	6,000	277/480	60	4	3
6.0 DJE-9XR/*	6,000	347/600	60	4	3
6.0 DJE-18R/*	6,000	★	60	12	3
4.5 DJE-53CE/* 6.0 DJE-3CE/*	Contractor Models — See Special Parts Section Following Standard Parts Section				

* - The diagonal line (/) in the model and specification number separates generator set characteristics from the specification number and letters. The specification number denotes customer requested options or deviations from a standard (1AB, 1AC, etc.) model. The specification letter advances (AB to AC, AC to AD, etc.) with major manufacturing changes.

★ - These sets are broad range reconnectible sets. Refer to the connection diagram inside outlet box cover.

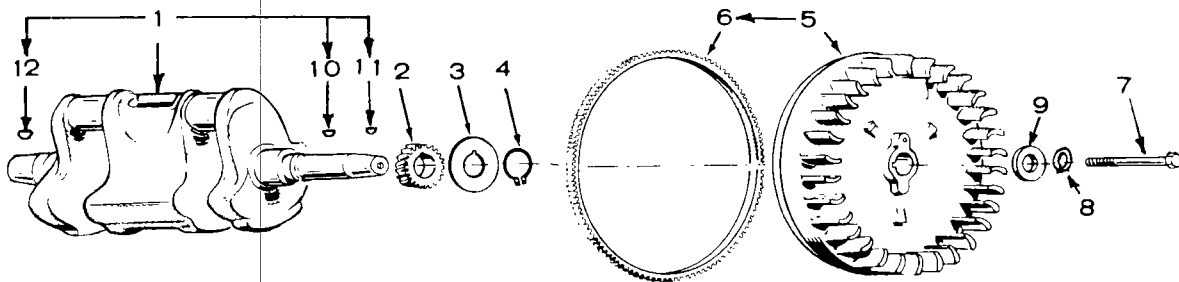
CYLINDER BLOCK



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	110-2699	1	Block Assembly, Cylinder (Includes Valve Tappets and Parts Marked *)	17	123-0191	1	Gasket, Cap
2	101-0337	1	*Plate, Bearing	18	123-1203	1	Cap and Valve Assembly, Breather (Includes Screen and Retainer)
3	101-0386	1	*Gasket and Shim Kit, Rear Bearing Plate - Includes Bearing Plate Mounting Washers	19	123-0952	1	Tube, Breather
4	BEARING, CRANKSHAFT			20	123-1283	1	Filter, Breather Tube
	101-0359	2	*Standard	21	516-0141	2	*Pin, Dowel - Gearcase Alignment
	101-0359-02	2	.002" Undersize	22	509-0117	1	Seal, "O" Ring - Breather Tube
	101-0359-10	2	.010" Undersize	23	123-0998	2	Insulator Halves, Breather Tube
	101-0359-20	2	.020" Undersize	24	518-0268	1	Clamp, Breather Tube Insulator
	101-0359-30	2	.030" Undersize	25	809-0035	1	Screw, Machine - Round Head Sheet Metal (#8 x 3/4")
5	516-0072	4	*Screw, Drive	26	123-1202	1	Screen, Breather
6	104-0420	2	*Washer, Crankshaft Thrust	27	123-1201	1	Retainer, Breather Valve
7	101-0363	1	*Bearing, Camshaft Front	28	850-0045	3	Washer, Lock - Spring (5/16")
8	101-0365	1	*Bearing, Camshaft Rear	29	800-0026	2	Screw, Cap - Hex Head (5/16-18 x 3/4")
9	120-0553	1	*Tube, Crankcase Oil	30	123-1153	1	Baffle Cup and Holder, Breather
10	517-0053	1	*Plug, Camshaft Opening	31	800-0026	3	Screw, Cap - Hex Head (5/16-18 x 3/4")
11	509-0086	1	Seal, Crankshaft Rear	32	850-0045	3	Washer, Lock - Spring (5/16")
12	805-0019	6	*Bolt, Place (Special)				
13	526-0245	6	*Washer, Flat (Special)				
14	123-1085	1	Tube Assembly, Oil Fill				
15	123-0667	1	Gasket, Oil Fill Tube				
16	123-1058	1	Cap and Indicator, Oil Fill				

* - Parts Included in 110-2699 Cylinder Block Assembly

CRANKSHAFT AND FLYWHEEL

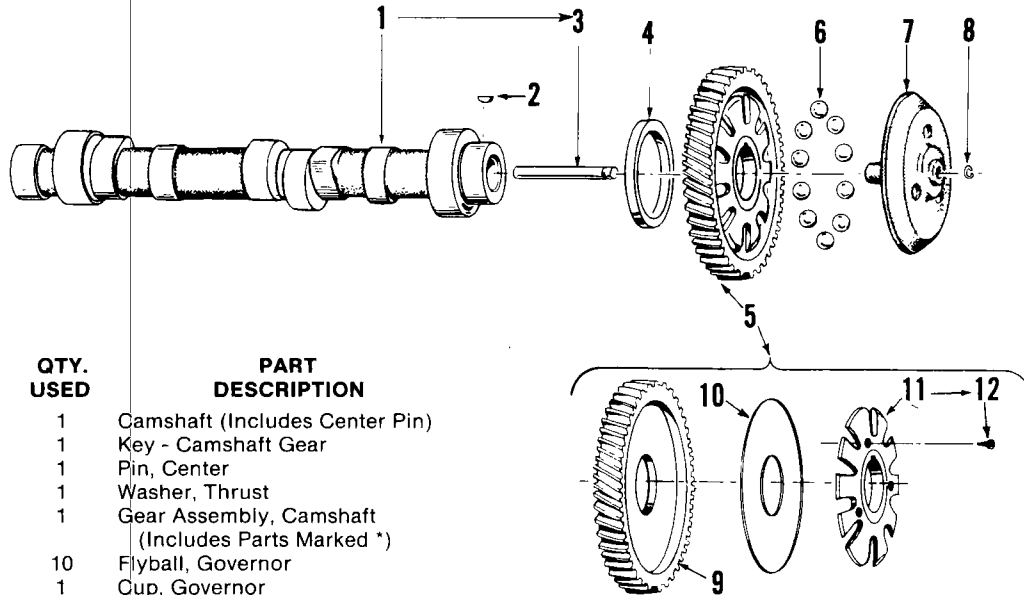


CT1031

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	104-1285	1	Crankshaft Kit (Includes Parts Marked *)	8	850-0055	1	Washer, Lock - Spring (7/16")
2	104-0418	1	Gear, Crankshaft	9	526-0185	1	Washer, Flat (15/32" ID x 1-1/2" OD x 3/8" Thk)
3	104-0416	1	Washer, Retainer	10	515-0001	1	*Key, Gear Mounting
4	518-0188	1	Ring, Lock	11	515-0153	1	*Key, Flywheel to Crankshaft
5	104-0470	1	Flywheel (Includes Ring Gear)	12	515-0006	1	*Key, Generator Fan to Crankshaft
6	104-0423	1	Gear, Flywheel Ring				
7	800-0500	1	Screw, Cap - Hex Head (Special)				

* - Parts Included in 104-1285 Crankshaft Kit.

CAMSHAFT



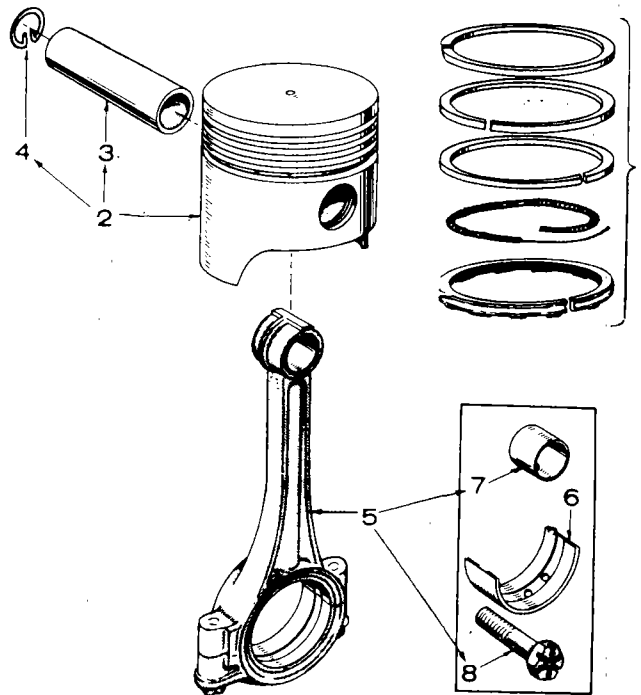
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	105-0485	1	Camshaft (Includes Center Pin)
2	515-0001	1	Key - Camshaft Gear
3	150-0075	1	Pin, Center
4	105-0205	1	Washer, Thrust
5	105-0218	1	Gear Assembly, Camshaft (Includes Parts Marked *)
6	510-0046	10	Flyball, Governor
7	150-0775	1	Cup, Governor
8	150-0078	1	Ring, Center Pin
9	105-0465	1	*Gear, Camshaft
10	150-0773	1	*Plate, Governor Flyball
11	150-1842	1	*Spacer Kit, Governor Flyball (Includes Mounting Screws)
12	815-0506	3	*Screw, Spacer Mounting (Special)

C1030

* - Parts Included in 105-0218 Camshaft Gear Assembly.

- Camshaft Gear Assemblies With Rivets Order 105-0218 Camshaft Gear Assembly.

PISTON AND ROD

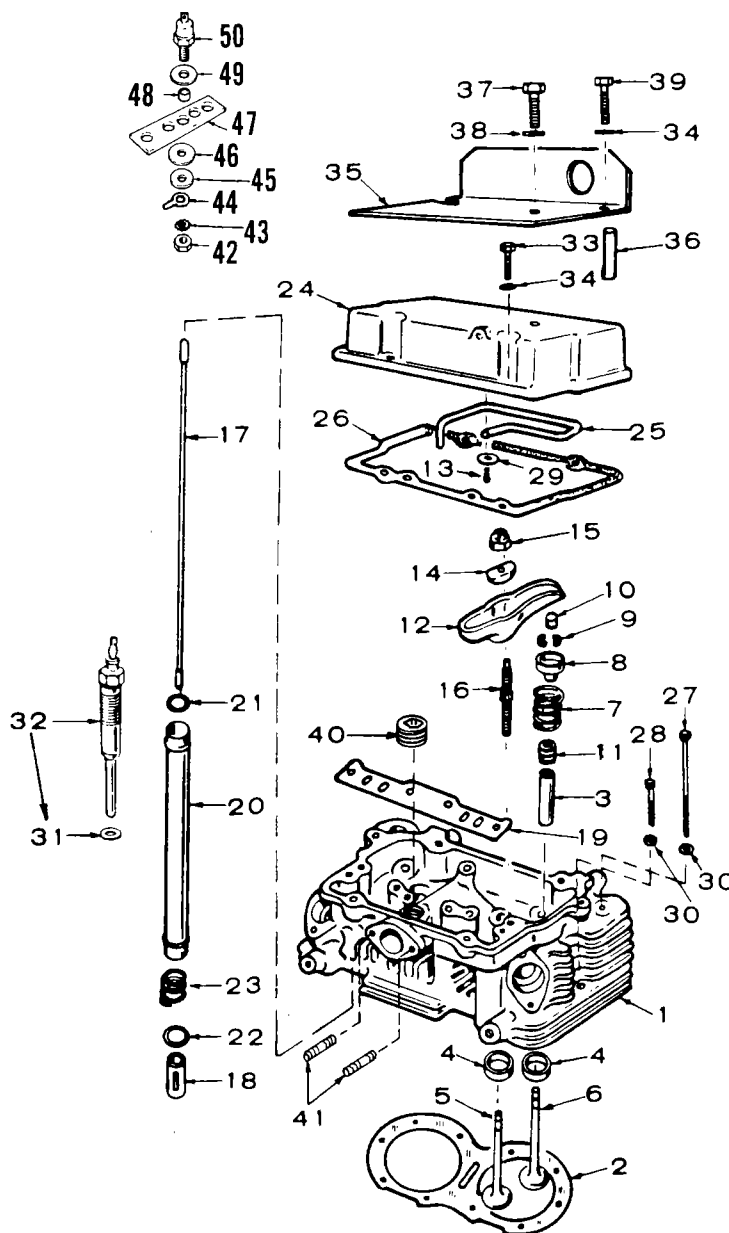


REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	RING SET		
	113-0137	2	Standard
	113-0137-05	2	.005" Oversize
	113-0137-10	2	.010" Oversize
	113-0137-20	2	.020" Oversize
	113-0137-30	2	.030" Oversize
	113-0137-40	2	.040" Oversize
2	PISTON AND PIN - Includes Pin Retaining Rings		
	112-0176	2	Standard
	112-0176-05	2	.005" Oversize
	112-0176-10	2	.010" Oversize
	112-0176-20	2	.020" Oversize
	112-0176-30	2	.030" Oversize
	112-0176-40	2	.040" Oversize
3	112-0117	2	Pin, Piston
4	112-0085	4	Ring, Retaining
5	114-0168	2	Rod Assembly, Connecting
6	BEARING, HALF, CONNECTING ROD		
	114-0164	4	Standard
	114-0164-02	4	.002" Undersize
	114-0164-10	4	.010" Undersize
	114-0164-20	4	.020" Undersize
	114-0164-30	4	.030" Undersize
7	114-0170	4	Bushing, Piston Pin
8	805-0012	4	Bolt, Place (Special)

CYLINDER HEAD

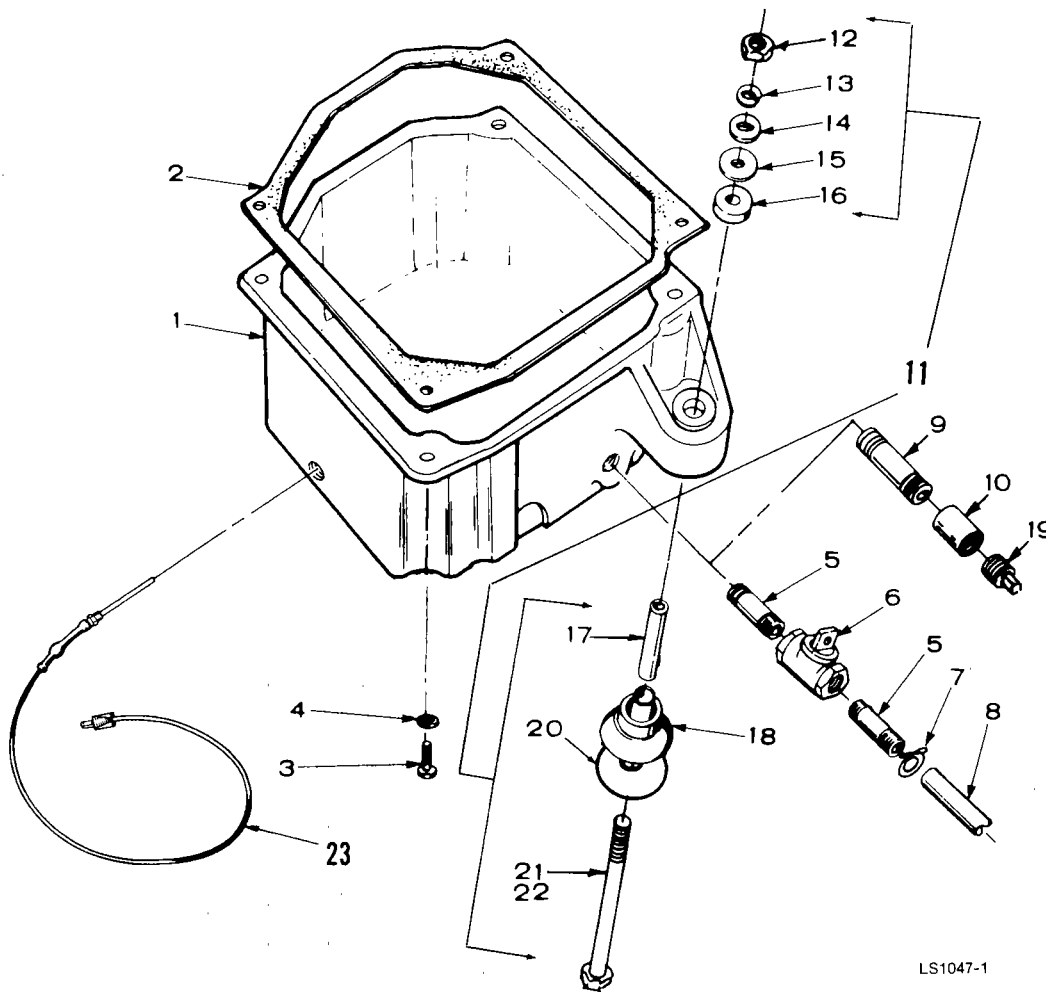
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	403-0707	1	Kit, Lifting Bracket (Includes Parts Marked #)
1	HEAD, CYLINDER		
	110-2993	1	With Valves (Includes Oil Line Connector and Parts Marked *)
	110-2701	1	*Without Valves (Includes Parts Marked +)
2	110-1836	1	Gasket, Head
3	*+GUIDE, VALVE		
	110-1870	2	Exhaust
	110-1869	2	Intake
4	INSERT, VALVE SEAT - Intake and Exhaust		
	110-1268	4	*Standard
	110-1268-02	4	.002" Oversize
	110-1268-05	4	.005" Oversize
	110-1268-10	4	.010" Oversize
	110-1268-25	4	.025" Oversize
5	110-1871	2	*Valve, Intake
6	110-1278	2	*Valve, Exhaust
7	110-1221	4	*Spring, Valve
8	110-1220	4	*Retainer, Valve Spring
9	110-0858	8	*Lock, Valve Spring Retainer
10	110-0859	4	Cap, Valve Stem
11	509-0132	2	*Seal, Valve Stem Oil Intake
12	ARM, ROCKER		
	115-0128	2	Exhaust
	115-0129	2	Intake
13	815-0562	1	†Screw, Round Head - Sheet Metal (#10 x 5/16")
14	115-0127	4	Ball, Rocker Arm
15	115-0150	4	Locknut, Rocker Arm
16	115-0152	4	*Stud, Rocker Arm
17	115-0149	4	Rod, Push
18	115-0195	4	Tappet, Valve
19	115-0196	1	*+Guide, Push Rod
20	115-0151	4	Shield, Push Rod
21	509-0084	8	Seal, Push Rod Shield
22	115-0155	8	Washer, Spring Retaining
23	115-0146	4	Spring, Shield Retainer
24	115-0134	1	Cover Assembly, Rocker (Includes Parts Marked †)
25	120-0628	1	†Line, Oil - Rocker Cover
26	115-0130	1	Gasket, Rocker Cover
27	110-1264	5	Screw, Cylinder Head Mounting (Special)
28	800-0503	6	Screw, Cylinder Head Mounting (Special)
29	526-0130	1	†Washer, Flat - Oil Line Mounting (17/64" ID x 1" OD x 1/16" Thk)
30	526-0174	6	Washer, Flat (.406" ID x .781 OD x .1345 Thk)
31	110-0546	2	Gasket, Glow Plug
32	333-0106	2	Plug, Glow (Includes Gasket)
33	800-0030	2	Screw, Cap - Hex Head (5/16-18 x 1-1/4")
34	850-0045	4	Washer, Lock - Spring (5/16")
35	403-0825	1	#Bracket, Lifting
36	403-0826	2	#Spacer, Lifting Bracket
37	800-0091	1	#Screw, Cap - Hex Head (1/2-13 x 1-1/4")
38	850-0060	1	#Washer, Lock - Spring (1/2")
39	800-0038	2	#Screw, Cap - Hex Head (5/16-18 x 3-1/4")
40	505-0274	1	*+Plug, Cylinder Head Port
41	520-0011	2	*Stud, Air Cleaner Adapter Mounting

* - Parts Included in 110-2993 Cylinder Head
 + - Parts Included in 110-2701 Cylinder Head
 † - Parts Included in 115-0134 Rocker Cover Assembly
 # - Parts Included in 403-0707 Lifting Bracket Kit



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
42	862-0001	1	Nut, Hex (1/4-20)
43	856-0006	1	Washer, Lock (1/4")
44	332-0876	1	Terminal, Ground
45	526-0021	1	Washer, Flat (17/64" ID x 3/4" OD x 1/16" Thk)
46	508-0126	1	Washer, Insulating
47	309-0195	1	Bracket, Mounting
48	508-0127	1	Insulator, Sleeve
49	508-0126	1	Washer, Insulating
50			SWITCH, HIGH AIR TEMPERATURE
	309-0196	1	Sets Without Indicator Lamp
	309-0206	1	Sets With Indicator Lamp

OIL BASE



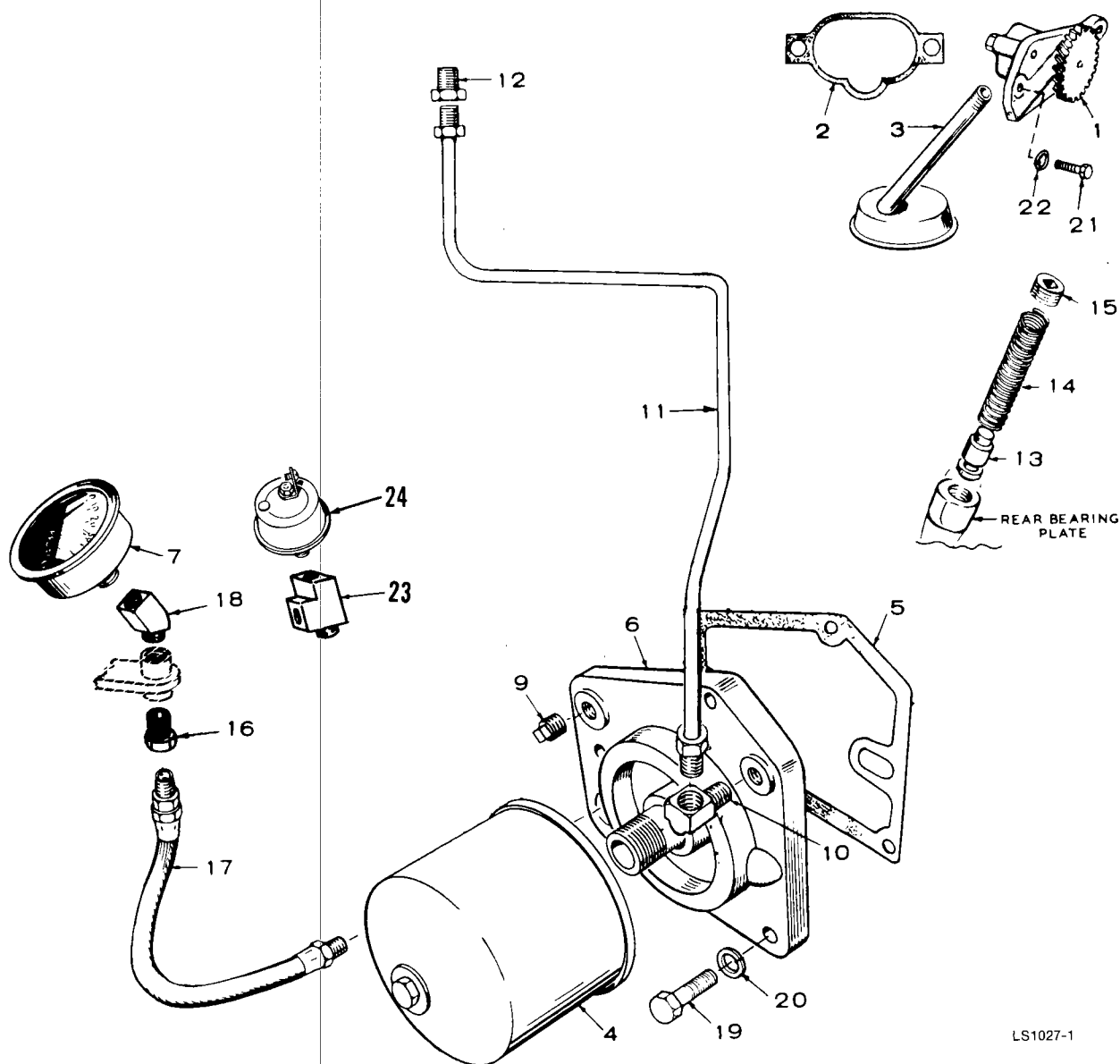
LS1047-1

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	BASE, OIL			12	862-0004	4	*#Nut, Hex (7/16-14)
	102-0540	1	Sets Without Oil Base Heater	13	850-0055	4	*#Washer, Lock - Spring (7/16")
	102-0620	1	Sets With Oil Base Heater	14	526-0014	4	*#Washer, Flat (29/64" ID x 1-1/2" OD x 1/8" Thk)
2	102-0451	1	Gasket, Oil Base Mounting	15	526-0198	8	*#Washer, Flat (5/8" ID x 1-1/2" OD x 1/16" Thk)
3	800-0072	4	Screw, Cap - Hex Head (7/16-14 x 1-1/4")				Use as Required
4	850-0055	4	Washer, Lock - Spring (7/16")	16	402-0282	4	*#Snubber, Stock Mounting
5	NIPPLE, OIL DRAIN			17	402-0290	4	*#Bushing, Spacer
	505-0002	2	Housed Sets - 1/2" x 3"	18	CUSHION, VIBRATION		
	505-0002	1	1/2" x 3"		402-0284	2	Engine End
	505-0100	1	1/2" x Close		402-0285	2	Generator End
6	504-0011	1	Valve, Oil Drain - Housed and Skid Mounted Sets	19	505-0056	1	Plug, Oil Drain (1/2") - Sets Without Housing or Skid Mounting
7	503-0197	1	Clamp, Oil Drain - Housed and Skid Mounted Sets	20	526-0195	4	*#Washer, Flat (29/64" ID x 3-1/4" OD x 1/8" Thk)
8	503-0316	1	Hose, Oil Drain - Housed and Skid Mounted Sets	21	816-0212	4	* Bolt, Carriage (7/16-14 x 5-1/2") Sets Without Housing or Skid Mounting
9	505-0002	1	Nipple, Oil Drain (1/2 x 3")	22	800-0082	4	#Screw, Cap - Hex Head (7-16 x 3-3/4") Housed and Skid Mounted Sets
10	505-0014	1	Coupling, Oil Drain (1/2")	23	102-0558	1	Heater, Oil Base
11	HARDWARE PACKAGE, MOUNTING						
	402-0291	4	Sets Without Housing or Skid Mounting (Includes Parts Marked *)				
	402-0327	1	Sets With Housing or Skid Mounting (Includes Parts Marked #)				

* - Parts Included in 402-0291 Mounting Hardware Package

- Parts Included in 402-0327 Mounting Hardware Package

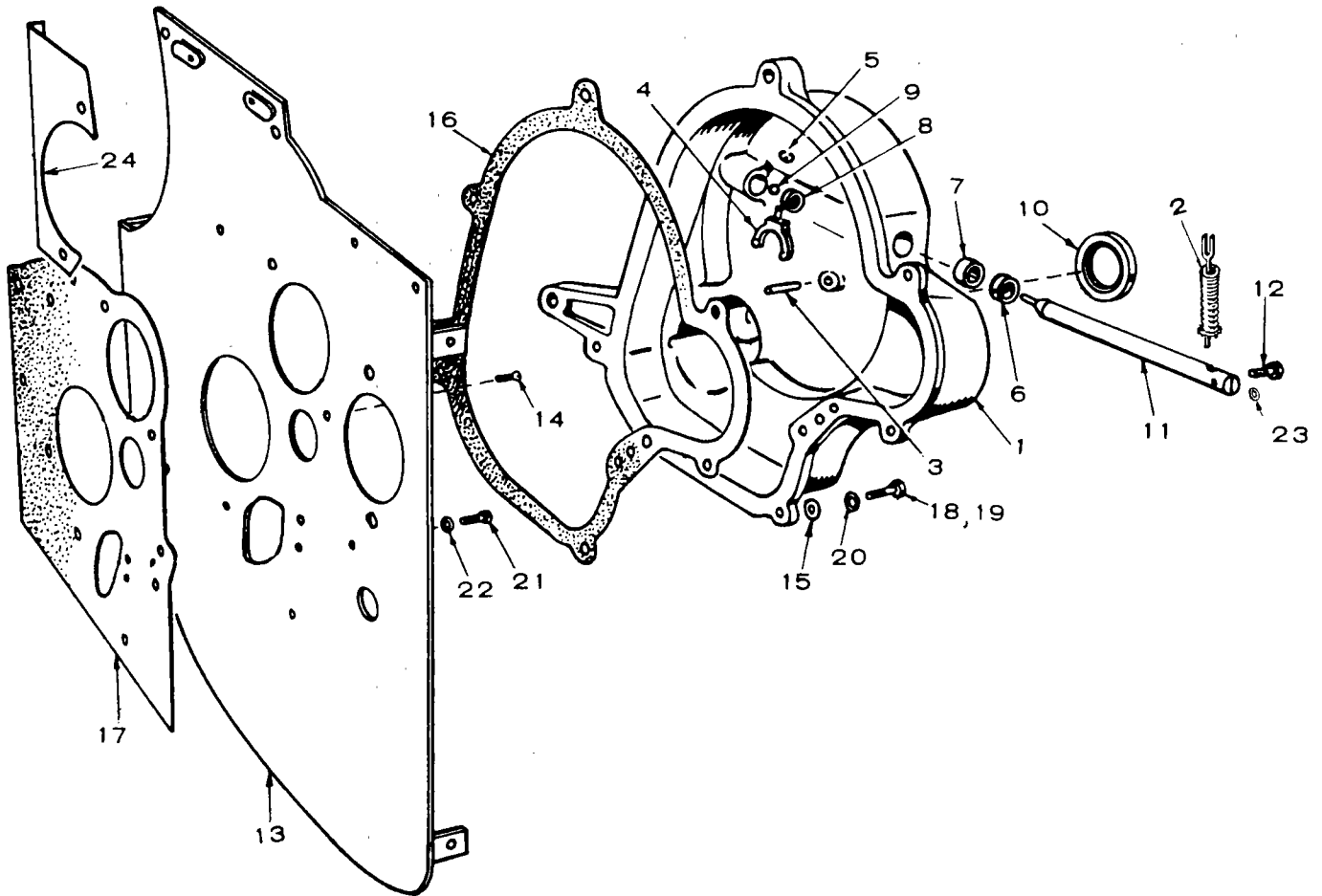
OIL SYSTEM



LS1027-1

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	120-0547	1	Pump Assembly, Oil	15	505-0274	1	Plug, Oil By-Pass
2	120-0580	1	Gasket Kit, Oil Pump	16	502-0003	1	Connector, Oil Fill Bracket to Oil Line
3	120-0551	1	Cup, Oil Pump Intake	17	501-0003	1	Line, Oil
4	122-0185	1	Filter, Oil (4-3/8" lg)	18	502-0020	1	Elbow, Oil Pressure Gauge
4	122-0193	1	Filter, Oil - Optional (5-3/4") Heavy Duty	19	800-0028	3	Screw, Cap - Hex Head (5/16-18 x 1")
5	122-0188	1	Gasket, Filter Adapter	20	850-0045	3	Washer, Lock - Spring (5/16)
6	122-0182	1	Adapter Assembly, Filter	21	800-0030	2	Screw, Cap - Hex Head (5/16-18 x 1-1/4")
7	193-0006	1	Gauge, Oil Pressure	22	850-0045	2	Washer, Lock - Spring (5/16)
9	505-0057	1	Plug, (1/8") - Filter Adapter	23	502-0058	1	Tee, Street Pipe - Switch and Oil Gauge Mounting - Sets With Low Oil Pressure Switch
10	502-0037	1	Elbow, Inverted Male - Oil Line to Oil Filter Adapter	24	309-0169	1	Switch, Low Oil Pressure
11	120-0622	1	Line, Oil - Adapter to Cylinder Head				
12	502-0281	1	Connector, Restricted - Oil Line to Cylinder Head				
13	120-0539	1	Valve, Oil By-Pass				
14	120-0555	1	Spring, By-Pass Valve				

GEARCASE

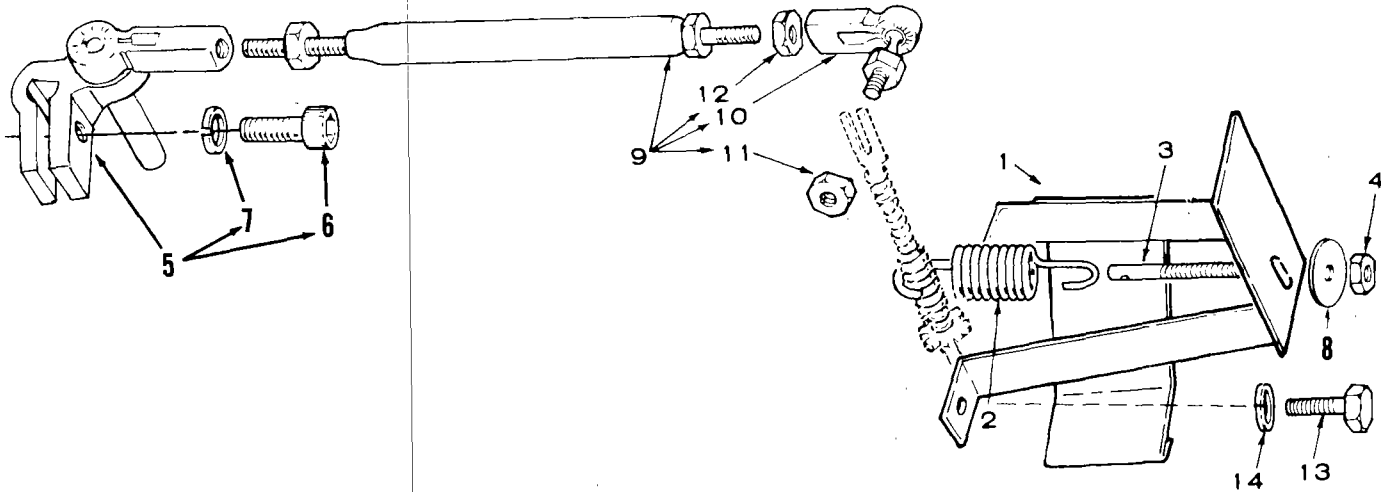


REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	103-0277	1	Gearcase Assembly-Complete (Includes Parts Marked *)
2	150-1688	1	Arm, Governor
3	516-0111	1	*Pin, Roll - Governor Cup Stop
4	150-0777	1	*Yoke
5	518-0129	1	*Ring, Yoke Retaining - "E" Shaped
6	509-0088	1	*Seal, Oil - Governor Shaft
7	510-0048	1	*Bearing, Needle - Governor Shaft - For 1/2" Shaft
8	510-0082	1	*Bearing, Needle - Governor Shaft - For 1/4" Shaft
9	510-0043	1	*Ball, Bearing - Governor Shaft Thrust
10	509-0087	1	*Seal, Oil - Gear Cover
11	150-0838	1	*Shaft, Governor
12	815-0176	1	*Screw, Machine - Hex Head (#8-32 x 1/2")

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
13	103-0271	1	Backplate, Gearcase
14	815-0347	2	Screw, Machine - Flat Head, Socket Drive (1/4-20 x 1/2")
15	526-0115	5	Washer, Flat (11/32" ID x 11/16" OD x 1/16" Thk)
16	103-0251	1	Gasket, Gearcase
17	103-0218	1	Gasket, Backplate
18	110-0879	4	Screw, Cap - Hex Head (Special)
19	800-0028	1	Screw, Cap - Hex Head (5/16-18 x 1")
20	850-0045	5	Washer, Lock - Spring (5/16)
21	800-0026	1	Screw, Cap - Hex Head (5/16-18 x 3/4")
22	850-0045	1	Washer, Lock - Spring (5/16)
23	850-0025	1	*Washer, Lock - Spring (#8)
24	134-1532	1	Baffle, Starter Hole

* - Parts Included in 103-0277 Gearcase Assembly.

GOVERNOR

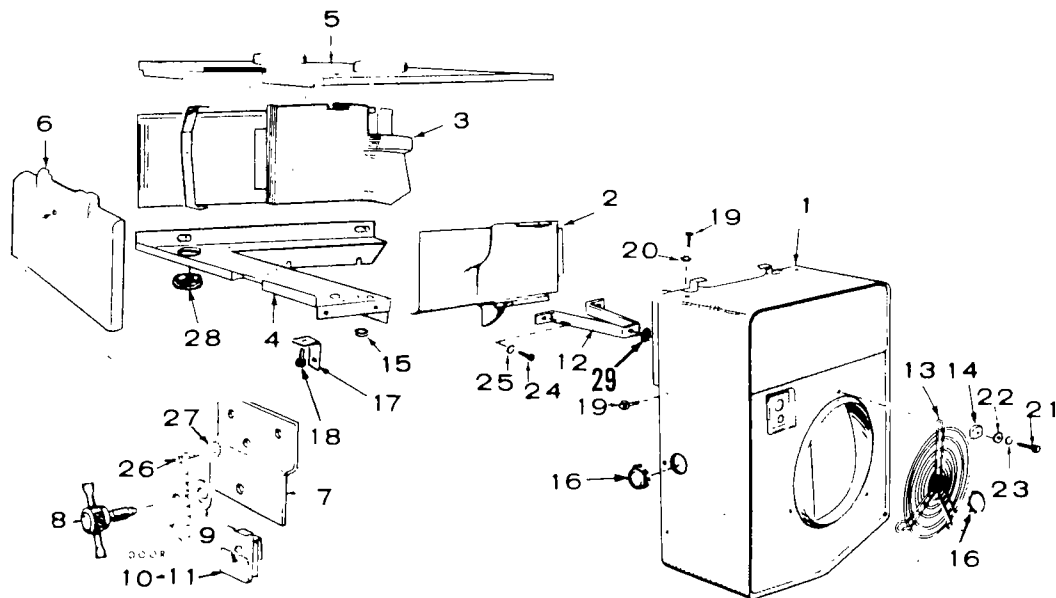


FS1263

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	150-1110	1	Bracket, Governor Spring
2	150-1084	1	Spring, Governor
3	150-1083	1	Stud, Governor Spring
4	862-0003	1	Nut, Governor Spring Stud
5	150-1603	1	Post and Arm Assembly (Includes Screw and Washer)
6	804-0018	1	Screw, Cap - Socket Head (10-32 x 5/8" Long)
7	850-0030	1	Washer, Lock - Spring (#10)
8	526-0030	1	Washer, Flat (13/32" ID x 7/8" OD x 1/8" Thk)
9	150-1610	1	Linkage Assembly, Governor (Includes Parts Marked *)
10	150-0939	1	*Joint, Ball
11	870-0131	1	*Nut, Hex (10-32)
12	871-0010	2	*Nut, Hex (10-32)
13	800-0005	2	Screw, Bracket Mounting (1/4-20 x 3/4" Long)
14	850-0040	2	Washer, Lock - Spring (1/4")

* - Parts Included in 150-1610 Governor Linkage Assembly.

AIR HOUSING

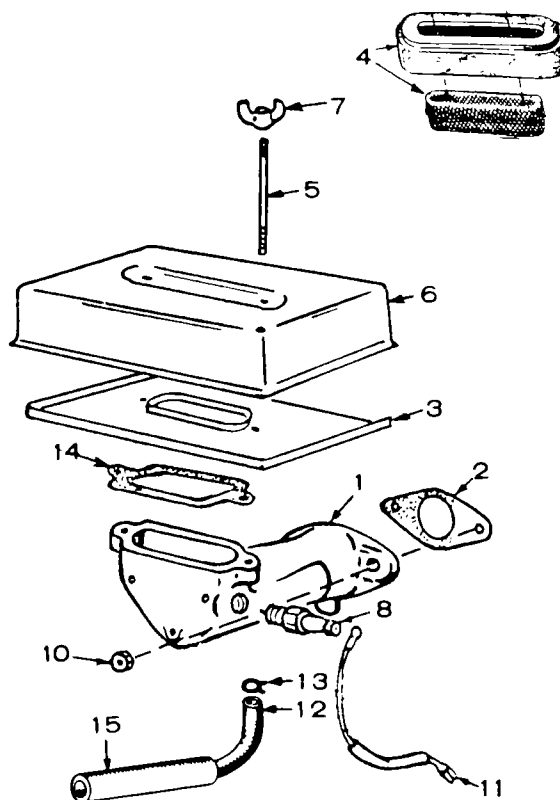


M1227

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	134-1087	1	Housing, Blower
2	134-1048	1	Housing, Cylinder Air - Front
3	134-1051	1	Housing, Cylinder Air - Rear
4	134-3396	1	Panel, Cylinder Air Housing - Bottom
5	134-1125	1	Cover, Cylinder Air Housing
6	134-1039	1	Panel, Air Housing Door
7	134-1554	1	Bracket, Air Housing Door Panel
8	134-1373	1	Screw, Door
9	134-1180	2	Washer, Door
10	870-0194	5	J-Clip, Door Panel & Cover
11	870-0178	2	U-Clip, Housing
12	134-1088	1	Support, Blower Housing and Grille
13	134-1178	1	Grille, Blower Housing
14	134-1092	3	Retainer, Blower Housing Grille
15	508-0005	2	Grommet, Bottom Housing Panel
16	517-0108	2	Plug, Dot Button - Governor Adjustment Hole in Blower Housing
17	134-3513	1	Brace, Cylinder Air Housing Panel - Bottom

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
18	821-0010	1	Screw, Locking Head - Brace Mounting (1/4-20 x 1/2" lg)
19	SCREW, BLOWER HOUSING MOUNTING		
	815-0235	6	1/4-20 x 5/8" long
	821-0014	8	5/16-18 x 1/2" long
20	854-0014	6	Washer, Lock -
21	800-0027	3	Screw, Cap - Hex Head - Grille to Blower Housing (5/16-18 x 7/8" long)
22	526-0115	3	Washer, Flat - Grille to Blower Housing (11/32" ID x 11/16" OD x 1/16" Thk)
23	850-0045	3	Washer, Lock - Spring - Grille to Blower Housing (5/16")
24	800-0024	2	Screw, Cap - Hex Head - Support Mounting (5/16-18 x 1/2" long)
25	850-0045	2	Washer, Lock - Spring - Support Mounting (5/16")
26	813-0098	1	Screw, Machine - Round Head - Bracket Mounting (10-32 x 3/8" long)
27	853-0008	1	Washer, Lock - (#10) Bracket Mounting
28	508-0084	1	Grommet, Rubber
29	508-0109	1	Grommet - Governor Adjust Hole (1" Hole)

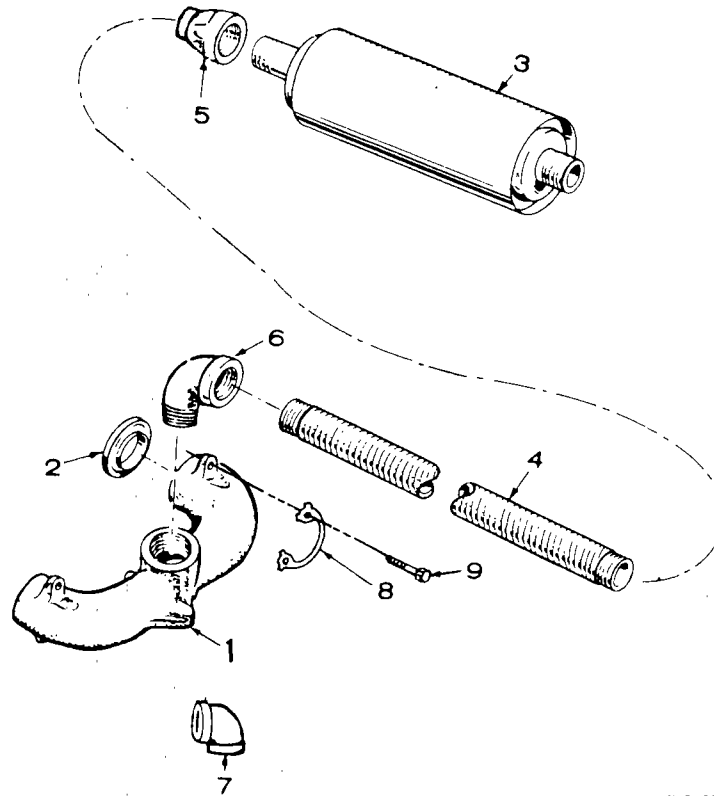
AIR INTAKE SYSTEM



FS1139

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	140-1748	1	Adapter Kit, Air Cleaner
2	141-0281	1	Gasket, Adapter Mounting
3	140-0595	1	Pan, Air Cleaner
4	140-0636	1	Element, Air Cleaner
5	520-0621	2	Stud, Air Cleaner Mounting
6	140-0594	1	Cover, Air Cleaner
7	865-0020	2	Nut, Wing - Self Locking (1/4-20)
8	154-0712	1	Heater, Manifold
10	870-0137	2	Nut, Hex - Self Locking (5/16-24)
11	LEAD 336-1418	1	Air Heater to Control Box Solenoid
	336-1504	1	Glow Plug to Air Heater No. 1 Cylinder
	336-1505	1	No. 2 Cylinder
12	503-0557	1	Hose, Breather
13	503-0170	2	Clamp, Breather Hose
14	140-0584	1	Gasket, Air Cleaner Mounting
15	503-0559	1	Insulation, Breather Hose

EXHAUST SYSTEM

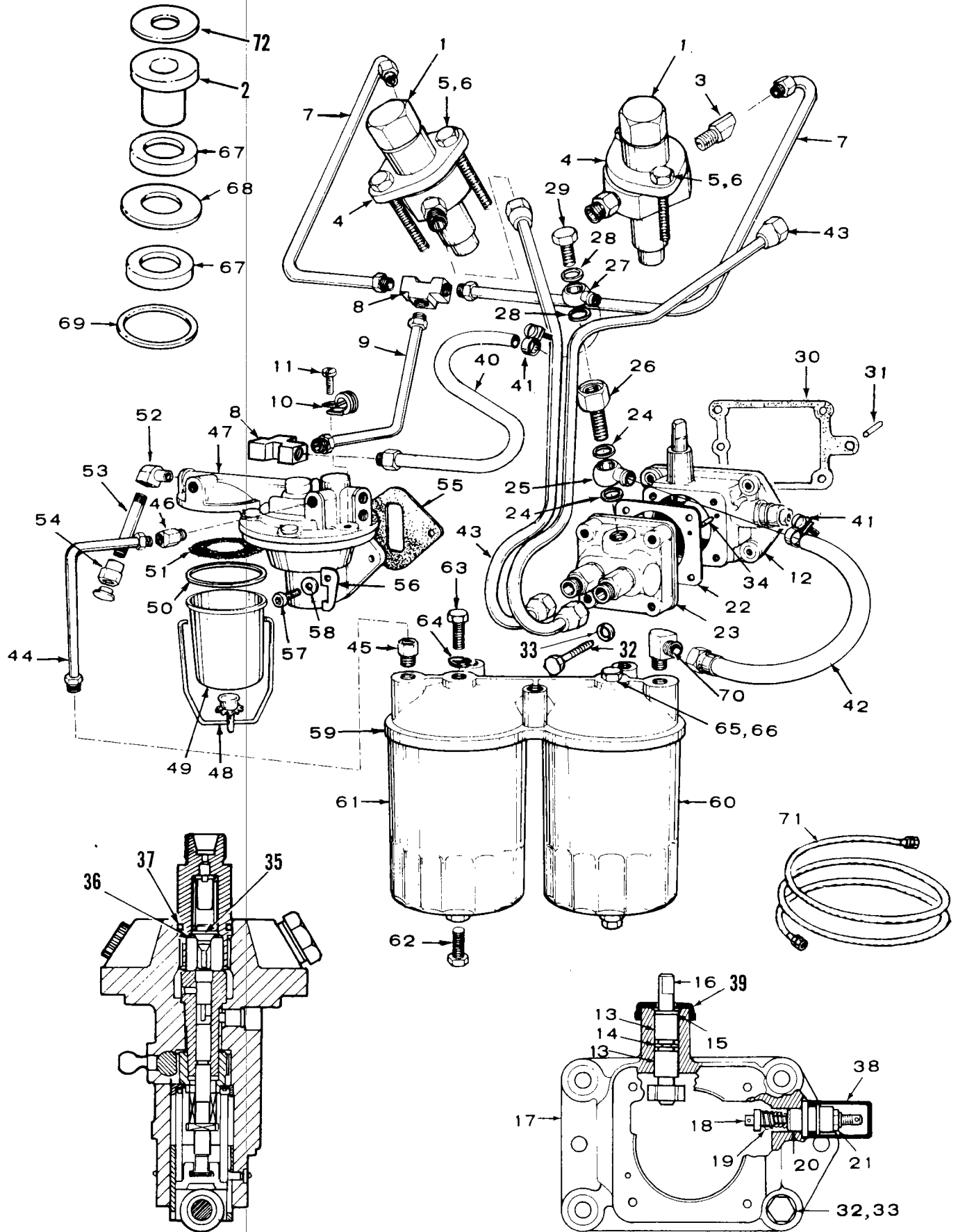


EXS1052

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	155-1898	1	Exhaust Package, Critical (Housed Sets) Muffler (Includes 155-0360 Muffler, 140-0078 Mounting Bands (2) and Parts Marked*)
1	154-0633	1	Manifold, Exhaust
2	154-0463	2	Gasket, Manifold
3	MUFFLER, EXHAUST		
	155-0330	1	Unhoused Sets - 1-1/4" Inlet and Outlet
	155-0456	1	Housed Sets - 1-1/2" Inlet and Outlet
4	TUBE, EXHAUST (Flexible)		
	155-0492	1	Unhoused Sets - 1-1/4" x 36"
	155-0849	1	Housed Sets - 1-1/4" x 10-1/4"
	155-0951	1	*Housed Sets With Critical Muffler - 1-1/4" x 11-1/2"
5	COUPLING, PIPE		
	505-0031	1	Unhoused Sets - 1-1/4"
	505-0036	1	Housed Sets (Reducer) 1-1/2" to 1-1/4"
6	505-0186	1	Elbow, Street - 1-1/4" x 90°
7	ELBOW, PIPE (90°)		Housed Sets
	505-0043	1	*1-1/2"
	505-0183	1	*Reducer - 1-1/2" to 1-1/4"
8	154-1665	2	Tab, Lock
9	110-0284	4	Screw, Cap - Hex Head (Special)

* - Parts Included in 155-1898 Critical Muffler Exhaust Package

INJECTION SYSTEM



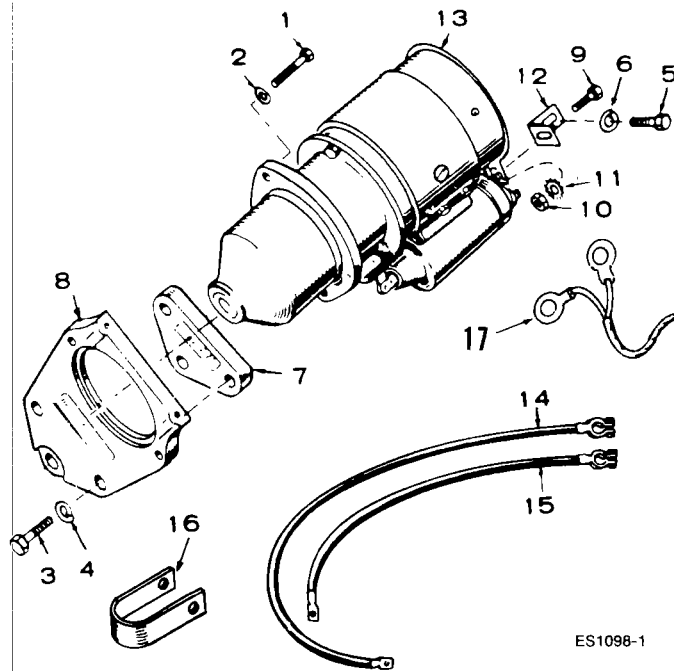
FS1209

INJECTION SYSTEM

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	147-0389	1	Kit, Bearing and Seal Replacement - For Injection Pump Mounting Adapter Assembly (Includes Parts Marked †)	35	VALVE, DELIVERY		
					147-0550	2	Used With Bryce Pumps
					147-0551	2	Used With KiKi Pumps
	149-1046	1	Repair Kit, Fuel Pump	36	GASKET, DELIVERY VALVE		
1	147-0378	2	Nozzle and Holder Assembly (Includes Parts Marked *)		147-0553	2	Used With Bryce Pumps
2	147-0377	2	*Nozzle (Includes 147-0243 Gasket)		147-0552	2	Used With Kiki Pumps
3	502-0065	2	Elbow, Inverted (45°)	37	147-0554	2	"O" Ring - Used With Bryce Pumps
4	147-0141	2	Flange, Injection Nozzle	38	147-0346	1	Cover, Plunger
5	800-0508	4	Screw, Cap - Hex Head (5/16-18 x 2-3/4")	39	147-0350	1	Cover, Yoke and Shaft Assembly
6	526-0122	4	Washer, Flat (11/32" ID x 23/32" OD x 10 Ga. Thk)	40	501-0222	1	Line, Fuel - Bleeder Line To Tee
7	LINE, NOZZLE FUEL RETURN			41	503-0685	2	Clamp, Hose
	149-1509	1	No. 1 Cylinder	42	501-0223	1	Line, Fuel - Filter to Injection Pump
	149-1508	1	No. 2 Cylinder	43	LINE, FUEL INJECTION - INJECTION PUMP TO NOZZLE		
8	502-0102	2	Tee, Fuel Return Line		149-1512	1	No. 1 Cylinder
9	149-1510	1	Line, Fuel Return		149-1513	1	No. 2 Cylinder
10	332-2050	2	Clamp, Fuel Line	44	149-1190	1	Line, Fuel - Fuel Pump To Filter
11	804-0018	2	Screw, Cap - Socket Head (#10-32 x 5/8")	45	502-0003	1	Connector, Pipe
12	147-0338	1	Adapter Assembly, Injection Pump Mounting (Includes Parts Marked £)	46	502-0065	2	Elbow, Inverted - Brass (45°)
13	510-0120	2	£†Bearing, Needle Roller	47	149-1704	1	Pump Kit, Fuel (Includes Parts Marked #)
14	518-0372	1	£†Ring, External Retaining	48	149-1169	1	#Bail, Fuel Pump
15	509-0144	1	£†Seal, Bonded Shaft	49	149-1168	1	#Bowl, Fuel Pump
16	147-0339	1	£Shaft & Yoke Assembly, Injection Pump	50	149-0517	1	#Gasket, Fuel Pump Bowl
17	147-0337	1	£Adapter, Injection Pump Mounting	51	149-0463	1	#Screen, Fuel Pump Bowl
18	147-0335	1	£Plunger, Fuel Injection	52	502-0020	1	Elbow, Fuel Pump Inlet
19	147-0344	1	£Spring, Fuel Injection Plunger	53	505-0061	1	Nipple, Pipe (1/8" x 2")
20	147-0345	1	£Guide, Fuel Injection Plunger	54	502-0017	1	Connector, Fuel Line
21	870-0328	1	£Nut, Elastic Stop	55	149-0792	1	#Gasket, Fuel Pump Mounting
22	147-0388	1	Shim Kit, Fuel Injection Pump	56	149-1307	2	#Stiffener, Fuel Pump Mounting
23	147-0355	1	Pump Assembly, Fuel Injection (Includes Parts Marked **)	57	802-0054	2	#Screw, Cap - Socket Head (5/16-18 x 7/8")
24	147-0356	2	**Washer, Hollow Screw Mounting	58	850-0045	2	Washer, Lock - Spring (5/16")
25	147-0354	1	**Eye, Fitting (Fuel Inlet)	59	149-1185	1	Adapter, Fuel Filter
26	147-0353	1	**Screw, Hollow	60	122-0326	1	Filter, Secondary Fuel
27	147-0352	1	**Eye, Fitting (Fuel Return)	61	122-0325	1	Filter, Primary Fuel
28	147-0357	2	**Washer, Hollow Screw Mounting	62	502-0080	2	Plug, Pipe - Fuel Filter Drain
29	147-0351	1	**Screw, Hollow	63	801-0074	1	Screw, Cap - Hex Head (7/16-20 x 1-3/4")
30	147-0322	1	Gasket, Mounting	64	526-0068	1	Washer, Flat - Copper (29/64" ID x 3/4" OD x 1/16" Thk)
31	516-0141	2	Pin, Alignment - Fuel Injection Pump Adapter	65	801-0053	1	Screw, Cap - Hex Head (3/8-24 x 1-3/4")
32	SCREW, CAP - SOCKET HEAD			66	526-0066	1	Washer, Flat - Copper (25/64" ID x 9/16" OD x 1/16" Thk)
	802-0054	4	Fuel Injection Pump Mounting (5/16-18 x 7/8")	67	147-0044	4	Shield, Nozzle Heat
	802-0054	3	Fuel Injection Pump Adapter Mounting (5/16-18 x 7/8")	68	147-0043	2	Gasket, Nozzle Heat Shield
	802-0055	1	Fuel Injection Pump Adapter Mounting (5/16-18 x 1")	69	110-0419	2	Gasket, Shield to Head
33	850-0045	8	Washer, Lock - Spring - Fuel Injection Pump and Adapter Mounting (5/16")	70	502-0099	1	Elbow, Reducing - Brass
34	516-0187	2	Pin, Alignment - Fuel Injection Pump (Used With Bryce Pumps)	71	501-0007	2	Line, Fuel - Flexible (24")
				72	147-0243	2	*Gasket, Nozzle

- * - Parts Included in 147-0378 Nozzle and Holder Assembly.
- £ - Parts Included in 147-0338 Fuel Injection Adapter Assembly.
- † - Parts Included in 147-0389 Bearing and Seal Replacement Kit.
- ** - Parts Included in 147-0355 Fuel Injection Pump Assembly.
- # - Parts Included in 149-1704 Fuel Pump Assembly.

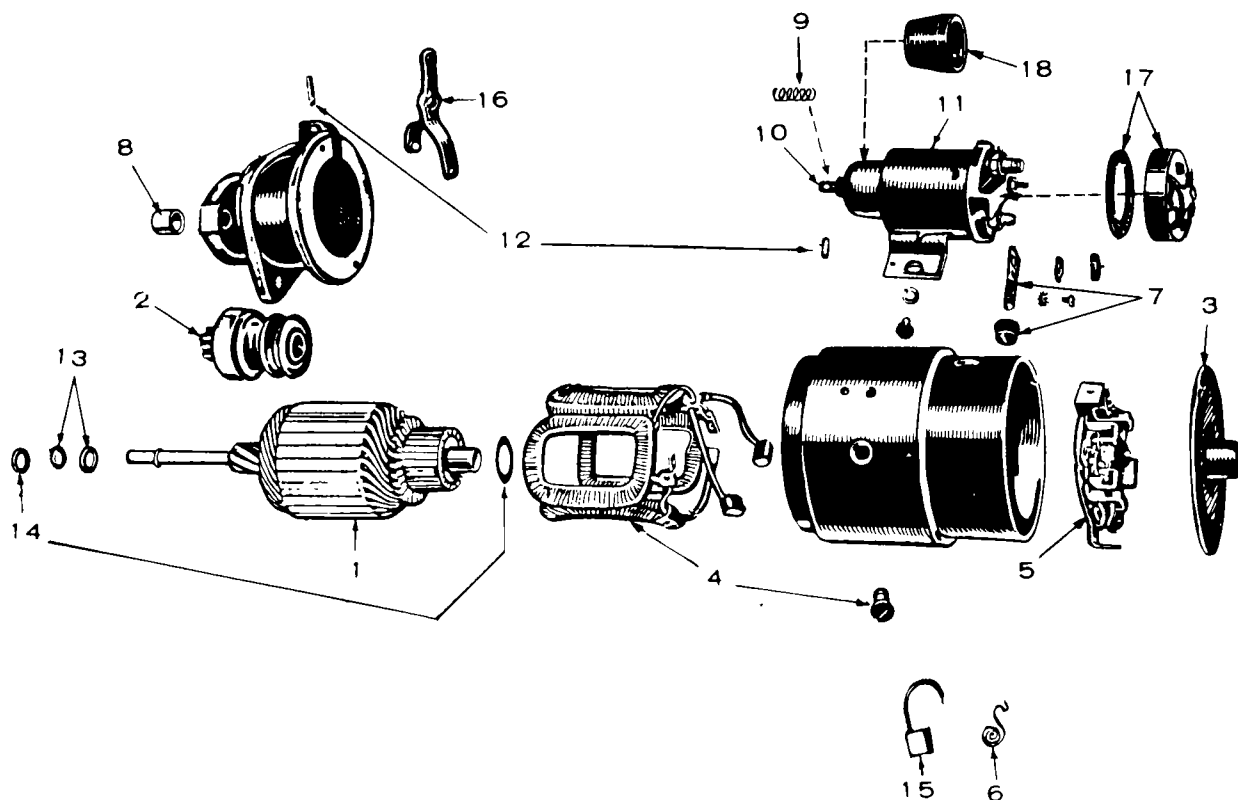
STARTER



ES1098-1

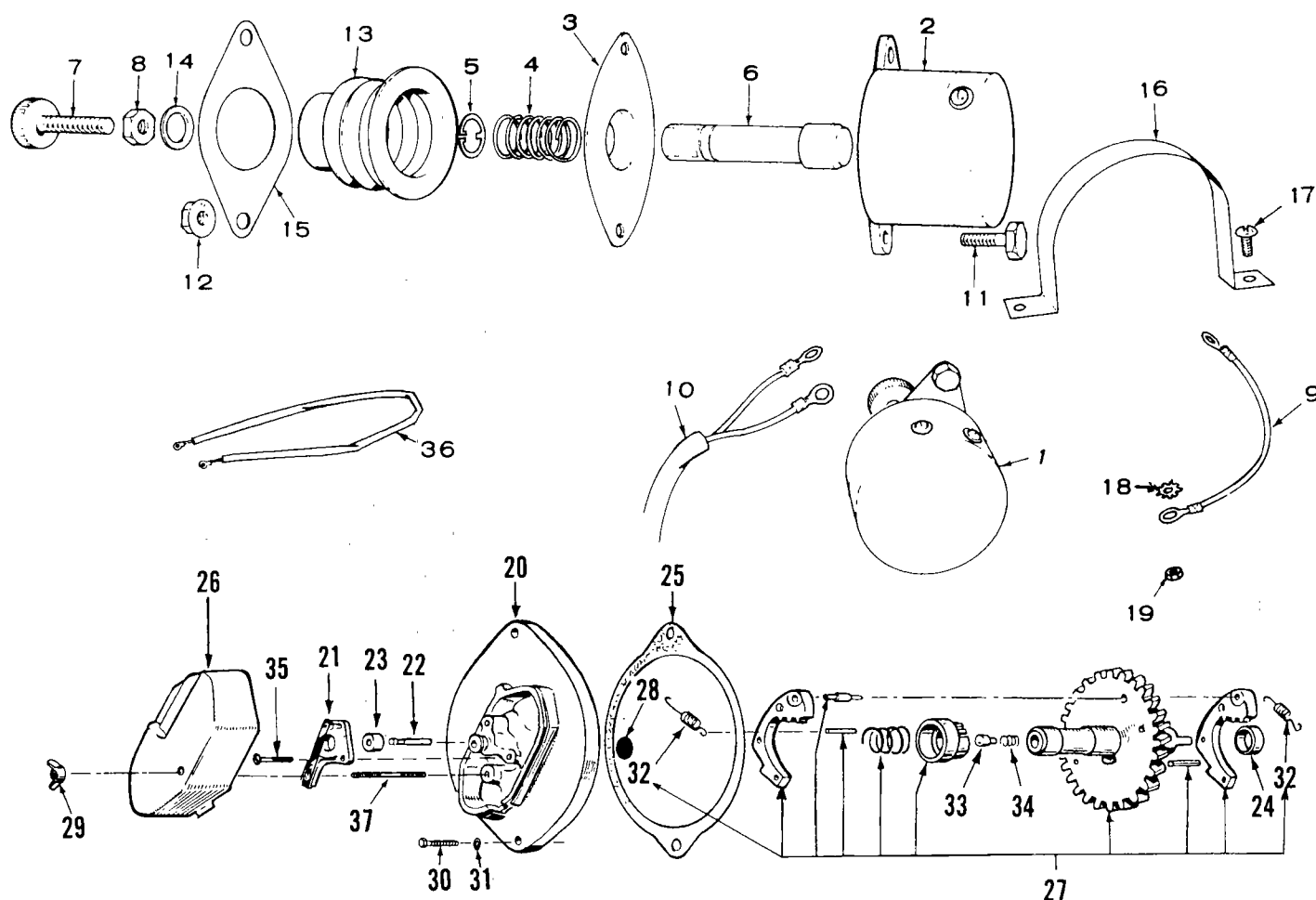
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	800-0051	2	Screw, Cap - Hex Head (3/8-16 x 1-1/4")
2	850-0050	2	Washer, Lock - Spring (3/8")
3	800-0054	3	Screw, Cap - Hex Head (3/8-16 x 2")
4	850-0050	3	Washer, Lock - Spring (3/8")
5	800-0052	1	Screw, Cap - Hex Head (3/8-16 x 1-1/2")
6	850-0050	1	Washer, Lock - Spring (3/8")
7	191-0311	1	Spacer, Starter
8	191-0512	1	Flange, Starter
9	800-0046	1	Screw, Cap - Hex Head (3/8-16 x 1/2")
10	864-0003	1	Nut, Hex (3/8-16)
11	856-0010	1	Washer, Lock - External/Internal Tooth (3/8")
12	191-0365	1	Bracket, Starter
13	191-0324	1	Starter (See Separate Group for Components)
14	CABLE, BATTERY		
	416-0021	2	Sets Without Housing or Skid Mounting (21")
	416-0050	2	Housed and Skid Mounted Sets (36")
15	416-0133	1	Cable, Battery Jumper
16	416-0096	1	Clamp, Battery Cable
17	338-0279	1	Harness, Wiring

STARTER PARTS



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	191-0324	1	Starter
1	191-0712	1	Armature
2	191-0432	1	Clutch
3	191-1023	1	Head Assembly, Commutator End
4	191-1024	1	Coil Package, Field
5	191-1025	1	Plate Assembly, Brush
6	191-1020	1	Spring Set, Brush (Set of 4)
7	191-1263	1	Connector Package
8	191-0497	1	Bearing (Bronze), Drive End
9	191-1027	1	Spring, Plunger
10	191-1028	1	Core Assembly, Moving
11	191-0433	1	Switch, Solenoid
12	191-1029	1	Yoke Parts Package
13	191-1030	1	Stop and Lock Ring Package, Pinion
14	191-1031	1	Thrust Washer Package, Armature (Use as Required)
15	191-0434	1	Brush Set, Service
16	191-1032	1	Yoke
17	191-0468	1	Cover, Solenoid
18	191-1134	1	Boot, Rubber - Part of Moving Core Assembly

START DISCONNECT PLATE AND STOP SOLENOID

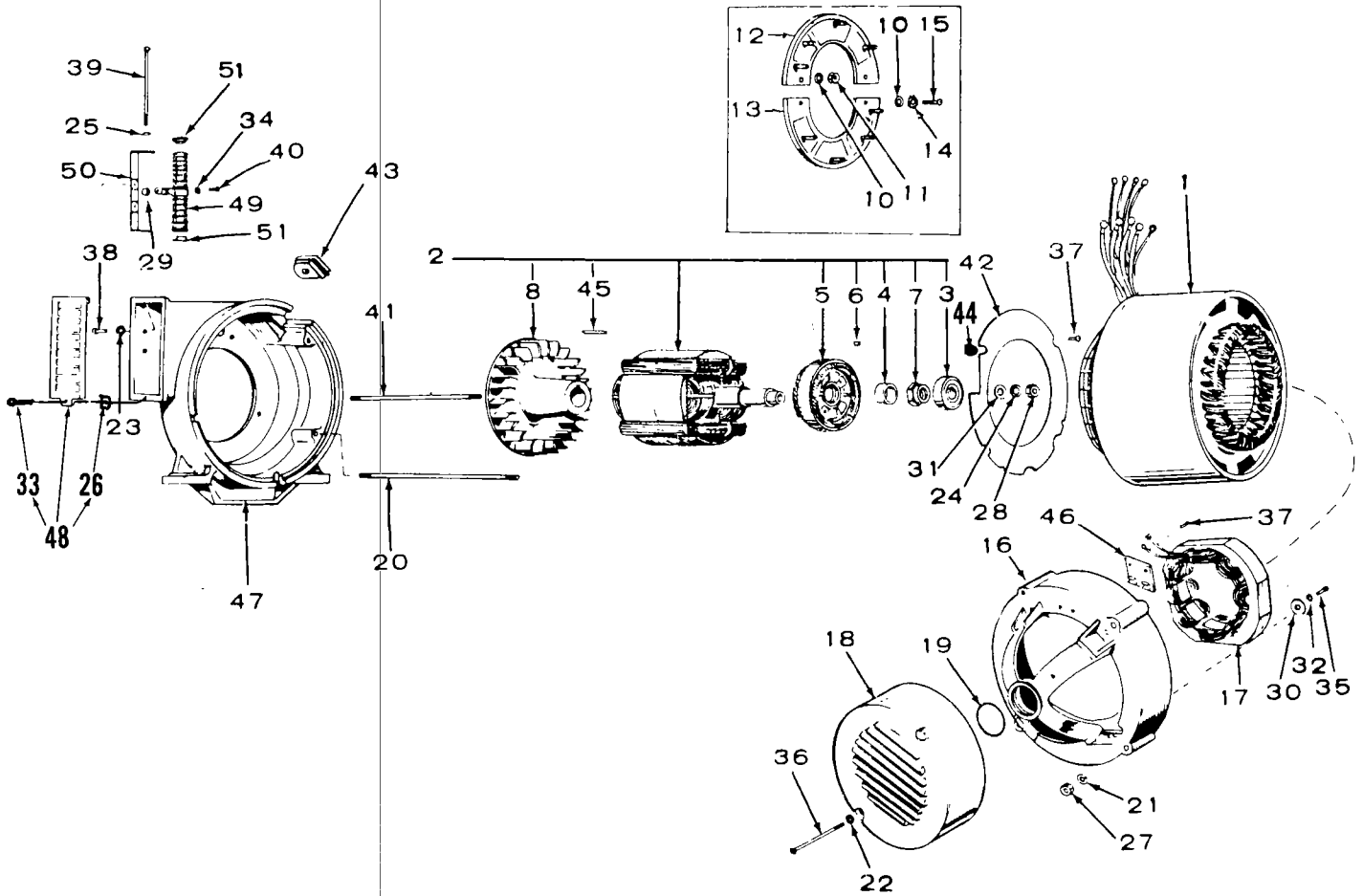


XM1138

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	307-1564	1	Solenoid Assembly (Includes Parts Marked *)	20	191-0496	1	Plate
2	307-0628	1	*Solenoid, Stopping	21	309-0134	1	Switch Assembly (Includes Leads)
3	306-0162	1	*Retainer, Solenoid Plunger	22	309-0152	1	Plunger, Switch
4	306-0611	1	*Spring, Solenoid Plunger	23	160-0382	1	Diaphragm, Switch Plunger
5	306-0612	1	*Plunger, Solenoid	24	160-0720	1	Spacer, Switch Plate
6	518-0203	1	*Ring, Snap - Spring Retaining	25	160-0721	1	Gasket, Plate
7	306-0242	1	*Screw, Solenoid Adjusting	26	191-0392	1	Cover, Plate
8	862-0001	1	*Nut, Hex (1/4-20)	27	191-0388	1	Control Assembly, Switch
9	336-0706	1	Lead, Electrical - Solenoid Ground	28	160-0806	1	Disc, Thrust Plunger
10	338-0258	1	Harness, Wiring - Switch to Control	29	865-0011	1	Nut, Wing (#10-32)
11	800-0003	2	*Screw, Cap - Hex Head (1/4-20 x 1/2" Long)	30	800-0052	2	Screw, Cap - Hex Head (3/8-16 x 1-1/2")
12	870-0212	2	*Nut, Self Locking (1/4-20)	31	850-0050	2	Washer, Lock - Spring (3/8")
13	306-0789	1	*Bellows, Solenoid Plunger	32	160-0711	2	Spring, Weight (Included in Switch Control Assembly)
14	518-0218	1	*Ring, External Retaining	33	160-0774	1	Plunger, Thrust
15	306-0667	1	*Plate, Retaining Boot	34	160-0773	1	Spring, Thrust Plunger
16	307-1558	1	Bracket, Solenoid Mounting	35	815-0201	2	Screw, Machine (Brass) Round Head With ET (#8-32 x 3/8")
17	812-0151	2	Screw, Machine - Round Head (1/4-20 x 3/4")	36	336-1347	1	Lead Assembly, Solenoid to Control
18	853-0013	1	Washer, Lock - ET (1/4")	37	520-0347	1	Stud, Plate Cover (Special)
19	862-0001	1	Nut, Hex (1/4-20)				

* - Parts Included in 307-1564 Solenoid Assembly.

GENERATOR



G1109

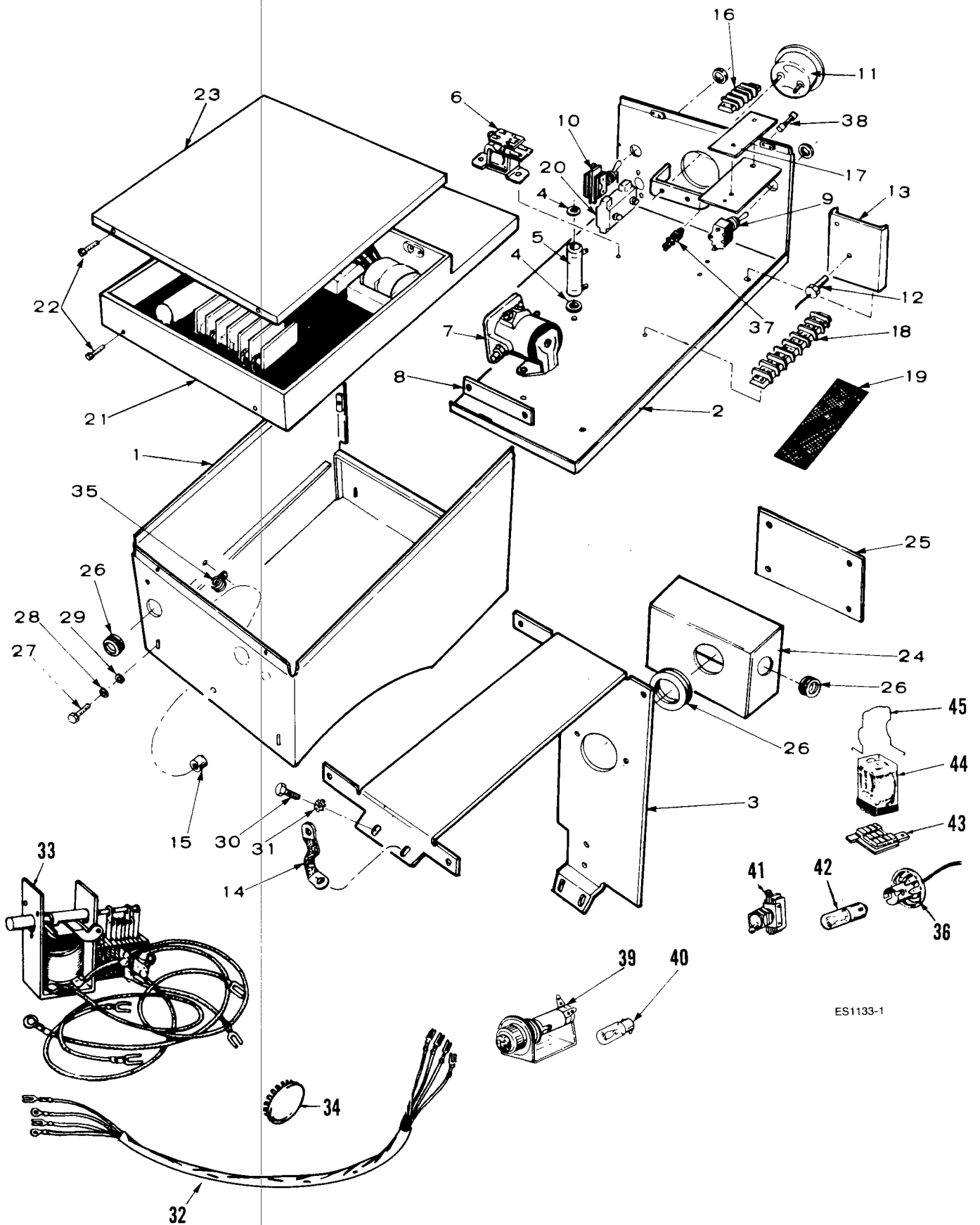
GENERATOR

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	STATOR, WOUND			27	862-0011	4	Nut, Hex - Generator Through Stud (3/8-16)
	220-2022	1	50 Hertz	28	870-0203	1	Nut, Hex - Rotor Through Stud (7/16-20)
	220-2047	1	Single Phase	29	871-0010	1	Nut, Hex - Resistor Tap (#10-32)
	220-2048	1	Three Phase	30	526-0260	2	Washer, Flat - Exciter Stator Mounting
			Three Phase Extended Stack	31	232-0200	1	Washer - Cone Shaped (Special) Rotor Through Stud
	220-2014	1	60 Hertz	32	853-0013	2	Washer, Lock (External Tooth) Exciter Stator Mounting (1/4")
			Single Phase	33	809-0046	1	#Screw, Sheet Metal - Round Head (#10 x 3/4")
			Three Phase	34	856-0003	1	Washer, Shakeproof - Resistor Tap (#10)
	220-2039	1	All Except 347/600 Volts	35	800-0004	2	Screw, Cap (Hex Head) Exciter Stator Mounting (1/4-20 x 5/8")
	220-2282	1	347/600 Volts	36	SCREW, MACHINE - ROUND HEAD (End Bell Cover Mounting)		
	220-2040	1	Three Phase Extended Stack		812-0165	2	Sets Without Overspeed Switch (1/4-20 x 4-1/2")
2	201-2154	1	Rotor Assembly, Wound - Includes Parts Marked*		812-0167	2	Sets With Overspeed Switch (1/4-20 x 6")
	201-2155	1	Rotor Assembly With Extended Stack	37	815-0194	6	Screw, Hex Head - Thread Cutting With External Tooth (#10-32 x 3/8") (Board and Baffle Mounting)
3	510-0112	1	*Bearing, Rotor	38	800-0004	2	Screw, Cap (Hex Head) Resistor Bracket Mounting (1/4-20 x 5/8")
4	232-2398	1	*Spacer, Bearing	39	812-0169	1	Screw, Round Head - Resistor Through (1/4-20 x 5-1/2")
5	201-2151	1	*Rotor, Wound - Exciter	40	811-0098	1	Screw, Round Head - Resistor Tap (#10-32 x 3/8")
6	515-0094	1	*Key, Exciter Rotor	41	520-0786	1	Stud, Rotor Through
7	870-0284	1	*Nut, Exciter Rotor Locking	42	234-0462	1	Baffle, Air
8	205-0105	1	*Fan, Generator	43	508-0112	1	Grommet, Rubber - Generator Adapter
10	526-0008	12	*Washer, Flat (#10)	44	508-0095	1	Grommet, Rubber - Air Baffle
11	870-0131	8	*Nut, Hex (#10-32)	45	515-0103	1	*Key, Fan to Rotor
12	358-0069	1	*Rectifier Assembly - Positive	46	232-2418	1	Board, Connection
13	358-0070	1	*Rectifier Assembly - Negative	47	231-0161	1	Adapter, Generator
14	853-0008	4	*Washer, Shakeproof (#10)	48	234-0493	1	Cover Assembly, Air Outlet (Includes Parts Marked #)
15	813-0100	4	*Screw, Round Head (#10-32 x 1/2")	49	304-0500	1	Resistor, Tapped - Adjustable
16	211-0237	1	Bell, End	50	232-2399	1	Bracket, Resistor Mounting
17	220-2009	1	Stator, Wound - Exciter	51	304-0006	2	Washer, Centering - Resistor Mounting
18	COVER, END BELL						
	234-0185	1	Sets Without Housing				
			Sets Without Generator Space Heater or Overspeed Switch				
	234-0498	1	Sets With Overspeed Switch				
	234-0542	1	Sets With Generator Space Heater				
	234-0543	1	Sets With Generator Space Heater and Overspeed Switch				
			Sets With Housing				
	234-0223	1	Sets Without Generator Space Heater or Overspeed Switch				
	234-0498	1	Sets With Overspeed Switch				
19	509-0094	1	Seal, Bearing ("O" Ring)				
20	520-0794	4	Stud, Generator Through				
21	850-0050	4	Washer, Lock - Generator Through Stud (3/8")				
22	850-0040	2	Washer, Lock - End Bell Cover Mounting (1/4")				
23	850-0040	2	Washer, Lock - Resistor Bracket Mounting (1/4")				
24	850-0055	1	Washer, Lock - Rotor Through Stud (7/16")				
25	853-0013	1	Washer, Lock (External Tooth) Resistor Through Screw (1/4")				
26	870-0177	1	#Nut, Speed (#10)				

* - Parts Included in 201-2154 Rotor Assembly.

- Parts Included in 234-0493 Cover Assembly.

CONTROL



ES1133-1

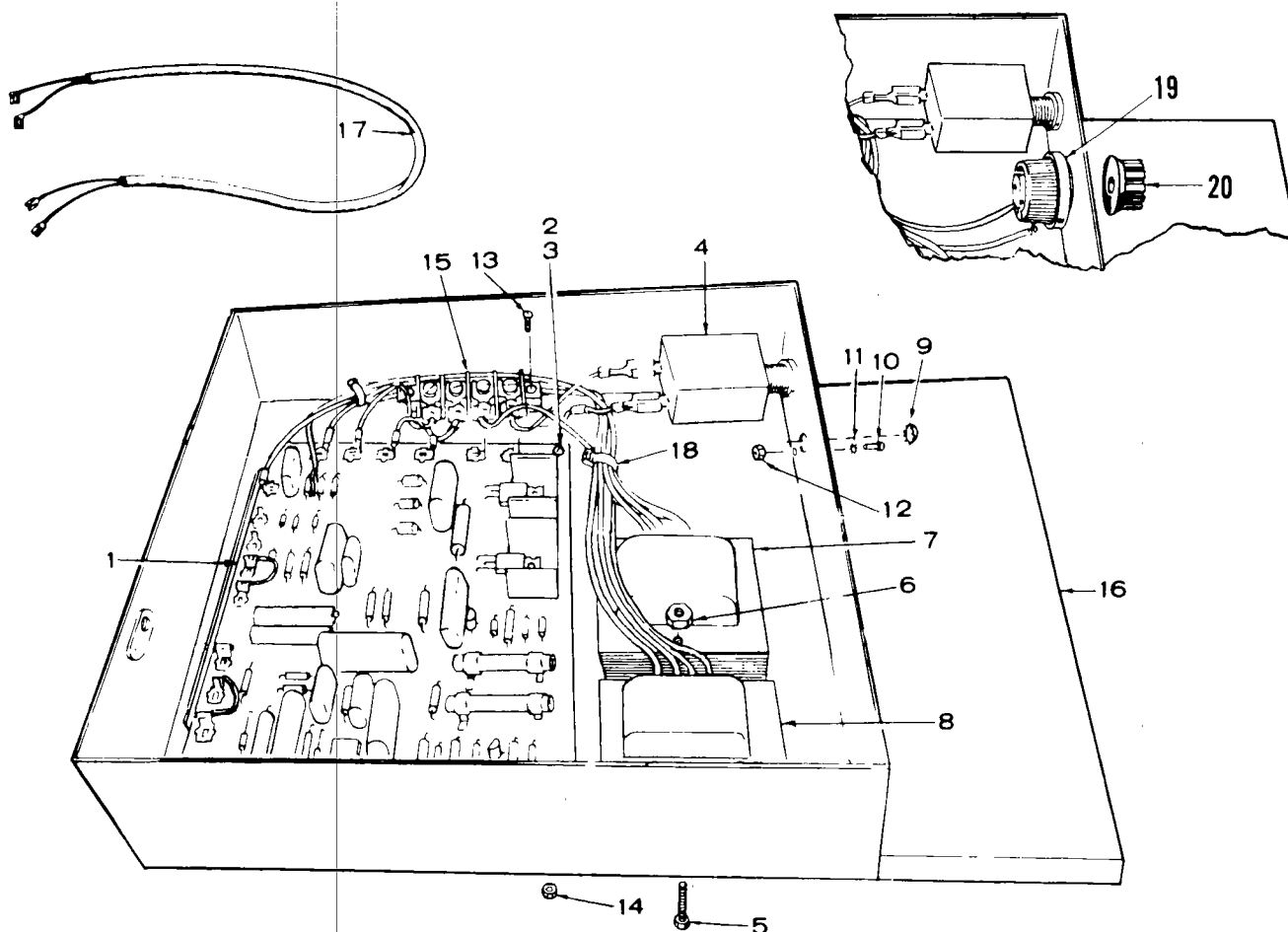
CONTROL

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	301-1962	1	Box, Control	27	800-0024	4	Screw, Cap - Hex Head (5/16-18 x 1/2")
2	PANEL, CONTROL			28	850-0045	4	Washer, Lock - Spring (5/16")
	301-1961	1	Sets Without Overspeed Indicator Lamp	29	526-0115	4	Washer, Flat (11/32" ID x 11/16" OD x 1/16" Thk)
	301-2376	1	Sets With Overspeed Indicator Lamp	30	815-0236	4	Screw, Self Tapping - Hex Head (5/16-18 x 5/8")
3	301-3683	1	Saddle, Control Box	31	856-0008	4	Washer, Lock - EIT (5/16")
4	WASHER, FIBER - Resistor Mounting			32	HARNES, WIRING —		Housed Sets
	508-0015	2	Sets Without Low Oil Pressure Switch		338-0496	1	Control to Output Box
	508-0015	4	Sets With Low Oil Pressure Switch		338-0939	1	Control to Housing Start/Stop
5	RESISTOR, FIXED			33	307-1129	1	Relay Assembly, Overspeed - Sets With Overspeed Switch (Includes Leads)
	304-0032	1	15 Ohm, 10 Watt	34	BUTTON, DOT		
	304-0217	1	1 Ohm, 10 Watt - Sets with Low Oil Pressure Switch		517-0012	1	5/8" Hole
6	307-0623	1	Relay, Start Disconnect		517-0139	1	11/16" Hole
7	RELAY, SOLENOID			35	332-0052	1	Clip, Wire
	307-1046	1	Manifold Heater	36	322-0072	As Req	Socket, Panel Light - Housed Sets
	307-0845	1	Start	37	321-0175	1	Holder, Fuse
8	332-0602	1	Jumper, Heater Solenoid to Start Solenoid	38	321-0146	1	Fuse, 10 Amp
9	308-0154	1	Switch, Start/Stop	39	322-0069	As Req	Holder, Indicator Lamp - Sets With Indicator Lamp
10	308-0037	1	Switch, Manifold Heater	40	322-0004	As Req	Lamp, Indicator - Sets with Indicator Lamp
11	302-1366	1	Ammeter Kit, Charge - Includes Mounting Hardware	41	308-0002	1	Switch, Panel Light - Housed Sets
12	305-0673	1	Kit, Rectifier	42	322-0004	As Req	Lamp, Panel Light - Housed Sets
13	305-0254	1	Bracket, Rectifier Mounting	43	323-1042	1	Socket Assy. Relay
14	337-0036	1	Strap, Ground - Control Box	44	307-1143	1	Relay
15	402-0078	4	Mount, Rubber - Control Box	45	307-1157	1	Spring-Relay Holddown
16	332-0604	1	Block, Terminal (5 Place)				
17	332-0616	1	Strip, Marker (5 Place)				
18	332-0706	1	Block, Terminal (8 Place)				
19	332-0739	1	Strip, Marker (8 Place)				
20	320-0104	1	Limiter, Cranking - Sets With Low Oil Pressure Switch (K14)				
21	REGULATOR, VOLTAGE (See Separate Group For Components)						
	305-0589	1	Spec AB through AF Sets Without Voltage Adjustment				
	305-0590	1	Sets With Voltage Adjustment Begin Spec AG				
	305-0689	1	* Sets Without Voltage Adjustment				
	305-0690	1	Sets With Voltage Adjustment				
22	815-0350	8	Screw, Hex Washer Head - Tapping (#10-32 x 3/8")				
23	301-3714	1	Cover, Voltage Regulator				
24	301-2467	1	Box, Output				
25	301-2466	1	Cover, Output Box				
26	GROMMET, RUBBER						
	508-0001	1	Control Box (1-1/16" Hole) Output Box				
	508-0117	1	Side (1-3/8" Hole)				
	508-0183	1	Rear (1-3/4" Hole)				

* - Listed below are the models and serial numbers of specific generator sets in Spec AG which were manufactured using the 305-0589 (Non-Adjustable) Voltage Regulator Assembly. This assembly uses the 300-1540 printed Voltage Regulator board. For the remaining component parts refer to the voltage regulator group for Spec AB through AF.

6.0DJE - 3CR/96AG	I820632153
6.0DJE - 3CR/96AG	I820632154
6.0DJE - 3CE/2236AG	H820630299
6.0DJE - 3CE/2236AG	H820630300
6.0DJE - 3CR/14876AG	H820630303
6.0DJE - 18R/15024AG	H820630301
6.0DJE - 18R/15024AG	H820630302
6.0DJE - 18R/15024AG	J820635221
6.0DJE - 18R/15024AG	J820635222
6.0DJE - 18R/15024AG	J820635223
6.0DJE - 18R/15024AG	J820635224

VOLTAGE REGULATOR SPEC AB—AF

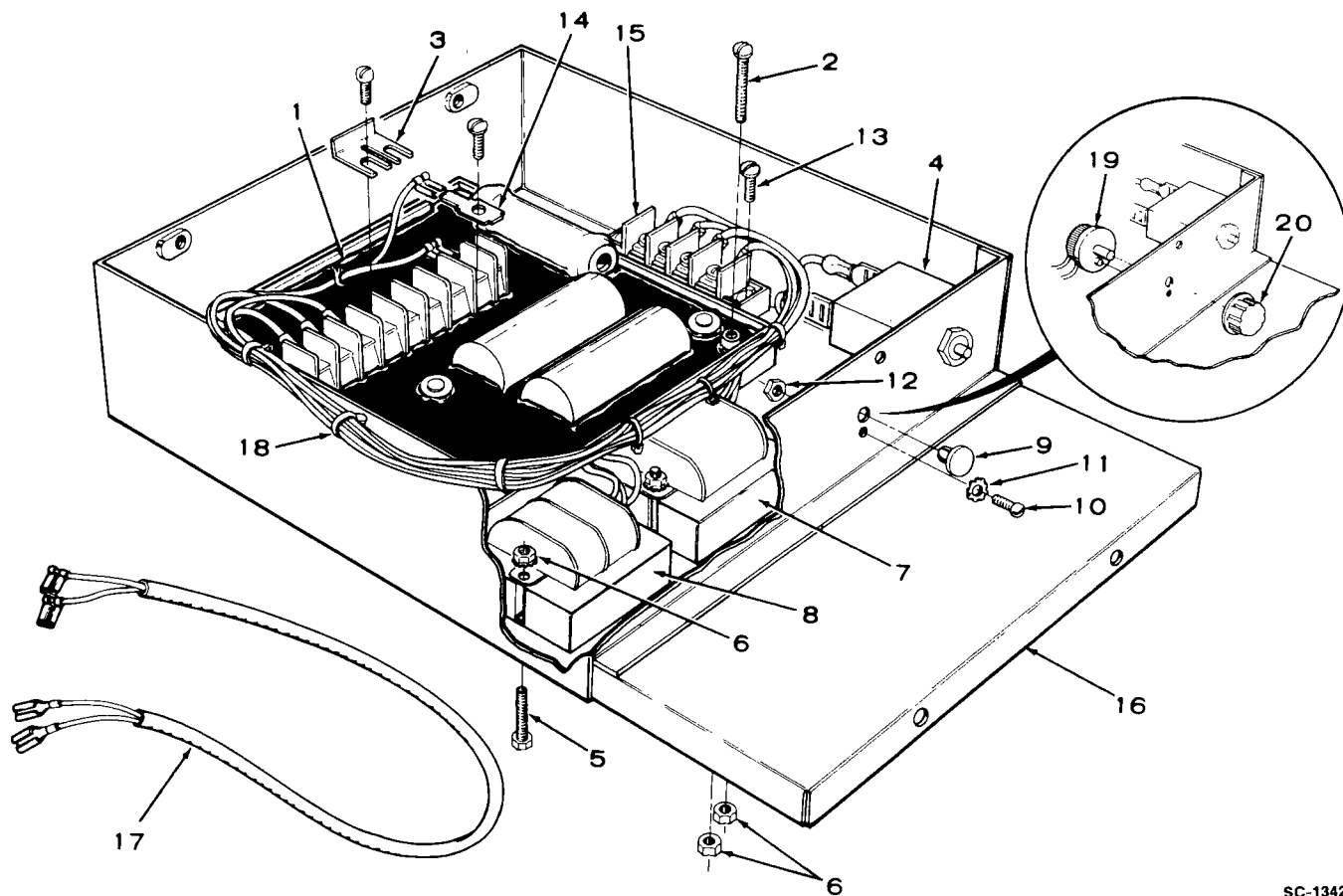


SC1222

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
REGULATOR, VOLTAGE				8	315-0386	1	*#Transformer, Voltage
	305-0589	1	Without Voltage Adjustment (Includes Parts Marked *)	9	517-0045	1	*Plug, Dot Button
	305-0590	1	With Voltage Adjustment (Includes Parts Marked #)	10	812-0027	1	*Screw, Machine - Round Head (#4-40 x 1/4")
1	300-1540	1	*#Board, Voltage Regulator - Begin Spec AD (Replaces 300-1404 Board Used During Spec AB and AC) Refer to Printed Circuit Board Parts Catalog Number 900-0234 for Board Components	11	853-0001	1	*Washer, Lock - ET (#4)
2	815-0190	4	*#Screw, Tapping - Round Head (#8-32 x 3/8")	12	860-0003	1	*Nut, Hex (#4-40)
3	853-0005	4	*#Washer, Lock - ET (#8)	13	812-0063	2	*#Screw, Machine - Round Head (#6-32 x 1/2")
4	320-0505	1	*#Breaker, Circuit	14	870-0183	2	*#Nut, Hex - With ET (#6-32)
5	812-0070	4	*#Screw, Machine - Round Head (#6-32 x 1-1/4")	15	332-1647	1	*#Block, Terminal
6	870-0183	4	*#Nut, Hex - With ET (#6-32)	16	301-3713	1	*#Panel, Mounting
7	315-0391	1	*#Reactor	17	HARNESS, WIRING - Voltage Regulator to Exciter Stator		
					338-0744	1	Sets Without Overspeed Switch
					338-0917	1	Sets With Overspeed Switch
				18	332-0942	8	*#Tie, Cable
				19	303-0103	1	#Rheostat
				20	303-0194	1	#Knob

* - Parts Included in 305-0589 Voltage Regulator Without Adjustment
- Parts Included in 305-0590 Voltage Regulator With Adjustment

VOLTAGE REGULATOR—BEGIN SPEC AG



SC-1342

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
REGULATOR ASSEMBLY, VOLTAGE			
	305-0689	1	Without Voltage Adjustment (Includes Parts Marked *)
	305-0690	1	With Voltage Adjustment (Includes Parts Marked #)
1	305-0688	1	*#Regulator, Voltage
2	812-0071	4	*#Screw, Machine - Round Head (#6-32 x 1-1/2")
3	JUMPER, TERMINAL		
			Without Voltage Adjustment
	332-2605	2	* 50 Hertz
	332-2605	1	60 Hertz
			With Voltage Adjustment
	332-2605	1	# 50 Hertz
4	320-1121	1	*#Breaker, Circuit
5	812-0070	4	*#Screw, Machine - Round Head (#6-32 x 1-1/4")
6	870-0183	10	*#Nut, Hex - ET (#6-32)
7	315-0391	1	*#Reactor
8	315-0386	1	*#Transformer, Voltage
9	517-0045	1	*Plug, Dot Button
10	812-0027	1	*Screw, Machine - Round Head (#4-40 x 1/4")

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
11	853-0001	1	*Washer, Lock - ET (#4)
12	860-0003	1	*Nut, Hex (#4-40)
13	812-0063	2	*#Screw, Machine - Round Head (#6-32 x 1/2")
14	TERMINAL, TAB		
	332-2617	2	*Without Voltage Adjustment
	332-2617	4	#With Voltage Adjustment
15	332-1647	1	*#Block, Terminal
16	301-3713	1	*#Panel, Mounting
17	HARNES, WIRING - Voltage Regulator to Exciter Stator		
	338-0744	1	Sets Without Overspeed Switch
	338-0917	1	Sets With Overspeed Switch
18	332-0942	10	*#Tie, Cable
19	303-0103	1	#Rheostat
20	303-0194	1	#Knob

* - Parts Included in 305-0689 Voltage Regulator
Assembly Without Adjustment

- Parts Included in 305-0690 Voltage Regulator Assembly
With Adjustment

SERVICE KITS AND MISCELLANEOUS

NOTE: For other kits refer to the related group

PART NO.	QTY. USED	PART DESCRIPTION
LABEL KITS		
98-1100	1	General Service
98-2290	1	Diesel
GASKET KIT - OVERHAUL		
168-0146	1	Non-Contractor Models
168-0154	1	Contractor Models
PAINT, TOUCH-UP (13 oz. Pressurized Can)		
525-0137	1	Metallic Green
525-0305	1	Non-Metallic Green
525-0454	1	Greige - Enamel

SPECIAL PARTS SECTION

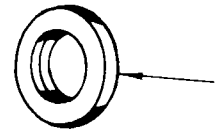
CONTRACTOR MODELS

FOR 4.5 DJE-53CE/ and 6.0 DJE-3CE/

Parts not listed in this section, refer to the Standard Parts Section.

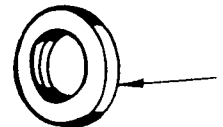
CYLINDER BLOCK

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	509-0112	1	Seal, Crankshaft Rear



GEARCASE

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	509-0111	1	Seal, Oil - Gearcase
	103-0454	1	Gearcase Assembly, Complete (Not Illustrated)

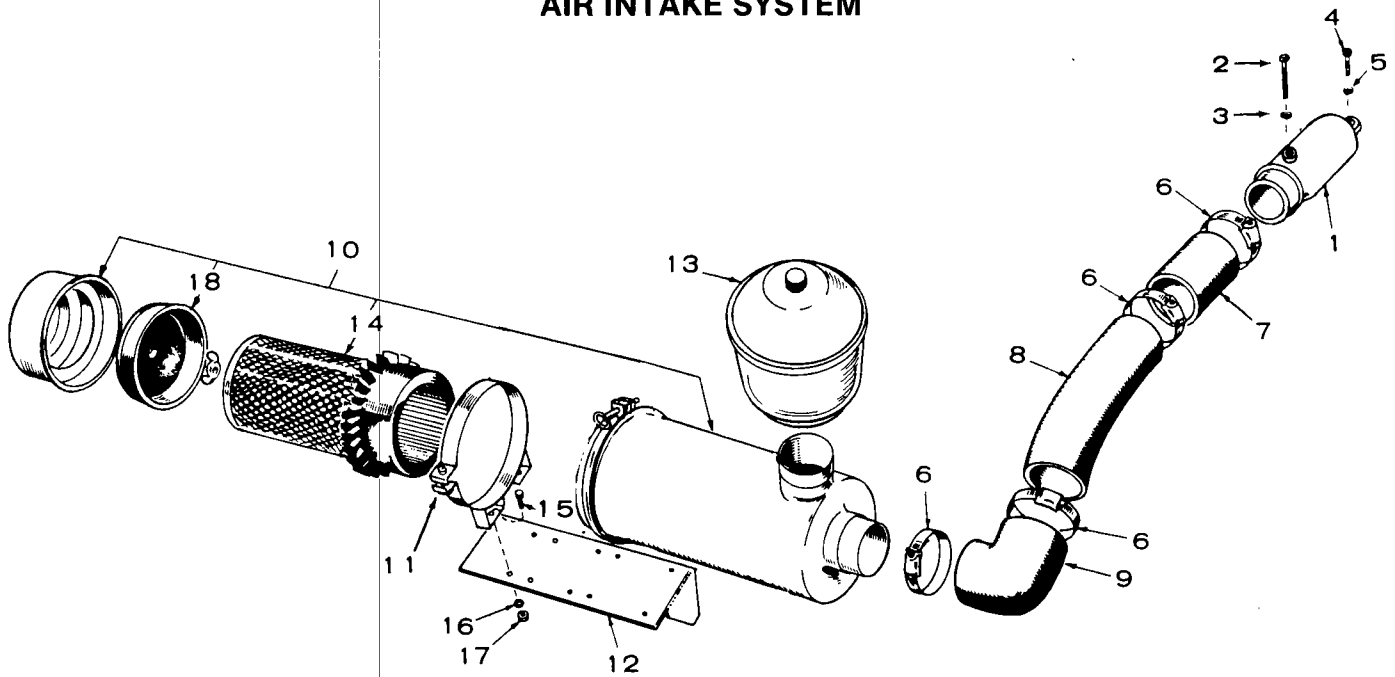


START DISCONNECT PLATE AND STOP SOLENOID

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	338-0408	1	Harness, Wiring - Start Disconnect to Control



AIR INTAKE SYSTEM

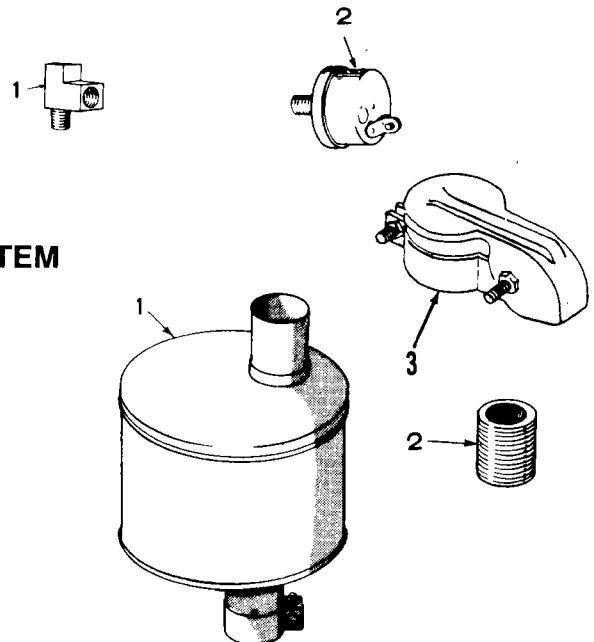


REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	140-0645	1	Adapter, Air Cleaner Hose
2	800-0015	1	Screw, Cap - Hex Head (1/4-20 x 3")
3	526-0108	1	Washer, Flat (17/64" ID x 7/16" OD x 1/32" Thk)
4	800-0007	1	Screw, Cap - Hex Head (1/4-20 x 1")
5	850-0040	1	Washer, Lock - Spring (1/4")
6	503-0274	4	Clamp, Hose
7	503-0330	1	Hose, Connector (Rubber) - 2" Long
8	140-0741	1	Tube, Air Induction
9	503-0419	1	Elbow (Rubber)

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
10	140-0721	2	Cleaner, Air (Includes Element and Baffle)
11	140-0722	2	Band, Air Cleaner Mounting
12	140-1271	1	Bracket, Air Cleaner Mounting
13	140-0723	1	Pre-Cleaner, Air Cleaner
14	140-0765	1	Element, Air Cleaner
15	800-0024	4	Screw, Cap - Hex Head (5/16-18 x 1/2")
16	850-0045	4	Washer, Lock - Spring (5/16")
17	862-0015	4	Nut, Hex (5/16-18)
18	140-1267	1	Baffle, Air Cleaner

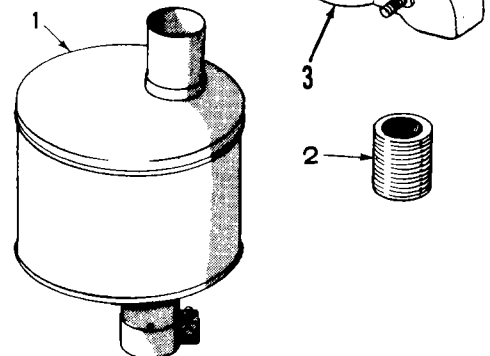
OIL SYSTEM

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	502-0058	1	Tee, Street Pipe
2	309-0169	1	Switch, Low Oil Pressure



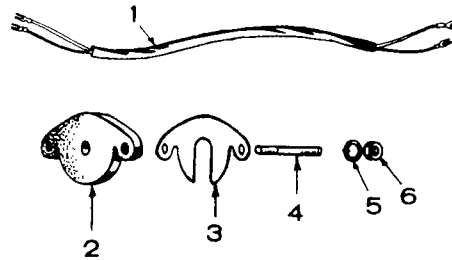
EXHAUST SYSTEM

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	155-0824	1	Muffler, Exhaust
2	505-0177	1	Nipple, Pipe Close, Exhaust
3	155-0985	1	Cap, Rain



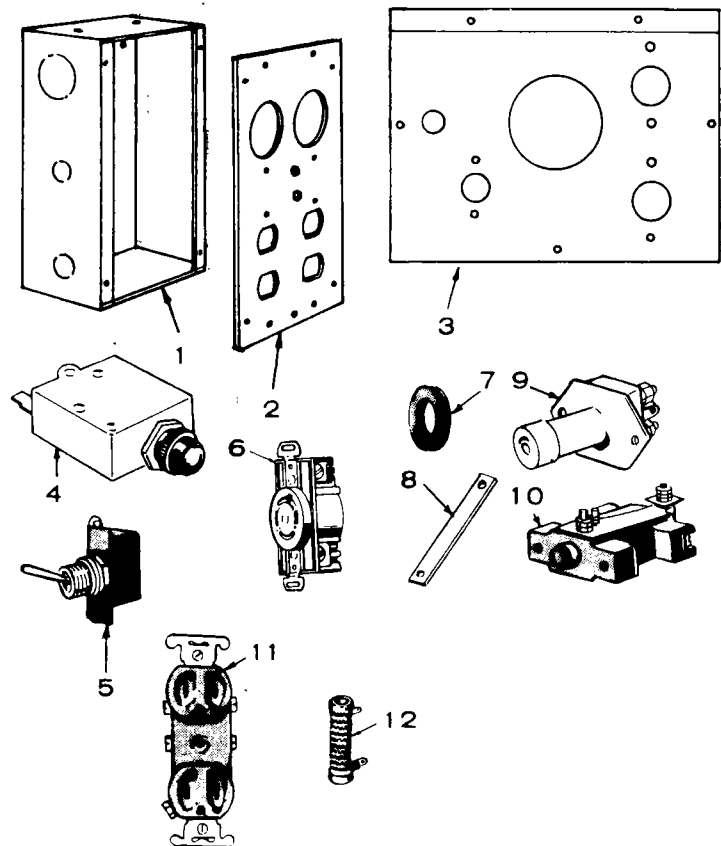
STARTER PARTS—SPEC AB THROUGH AE

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	338-0306	1	Harness, Wiring - Starter to Control
2	191-0506	1	Seal, Dirt
3	191-0505	1	Cover Plate, Dirt Seal
4	520-0662	2	Stud, Starter Mounting
5	862-0050	4	Washer, Lock-Spring (3/8")
6	862-0003	4	Nut, Hex (3/8-16)

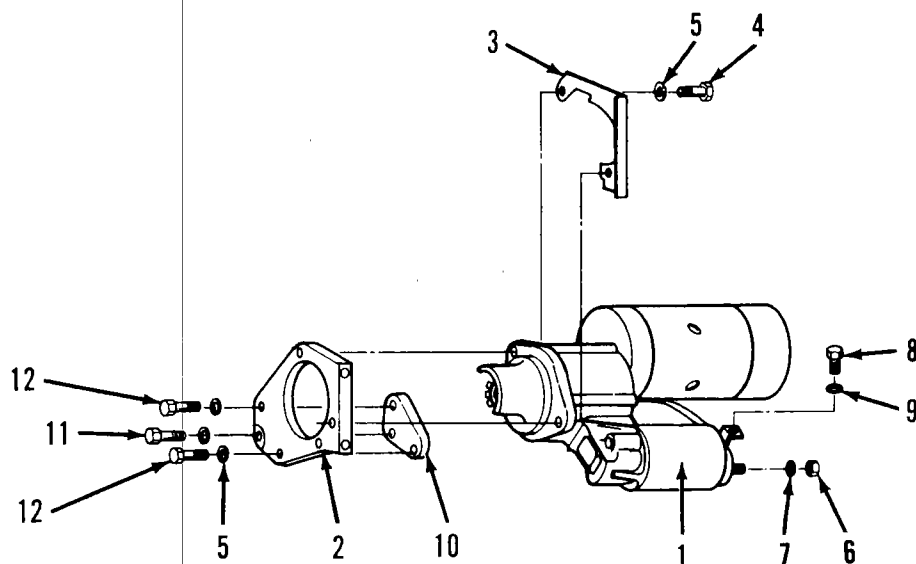


CONTROL

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	301-3682	1	Box, Output
2	301-4754	1	Panel, Output Box
3	301-2297	1	Panel, Control
4	320-0544	2	Breaker, Circuit - 30 Amp
5	308-0069	1	Switch, Stop/Run
6	323-0856	2	Receptacle, Twistlock
7	508-0008	1	Grommet, Rubber - 13/16" Hole
8	332-0602	1	Jumper, Heater Switch to Start Switch
9	308-0028	2	Switch, Start (1) and Heater (1)
10	320-0104	1	Limiter, Cranking - Low Oil Pressure Cut Off
11	323-0383	2	Receptacle, Duplex
12	304-0217	1	Resistor, Fixed - 1 Ohm, 10 Watt



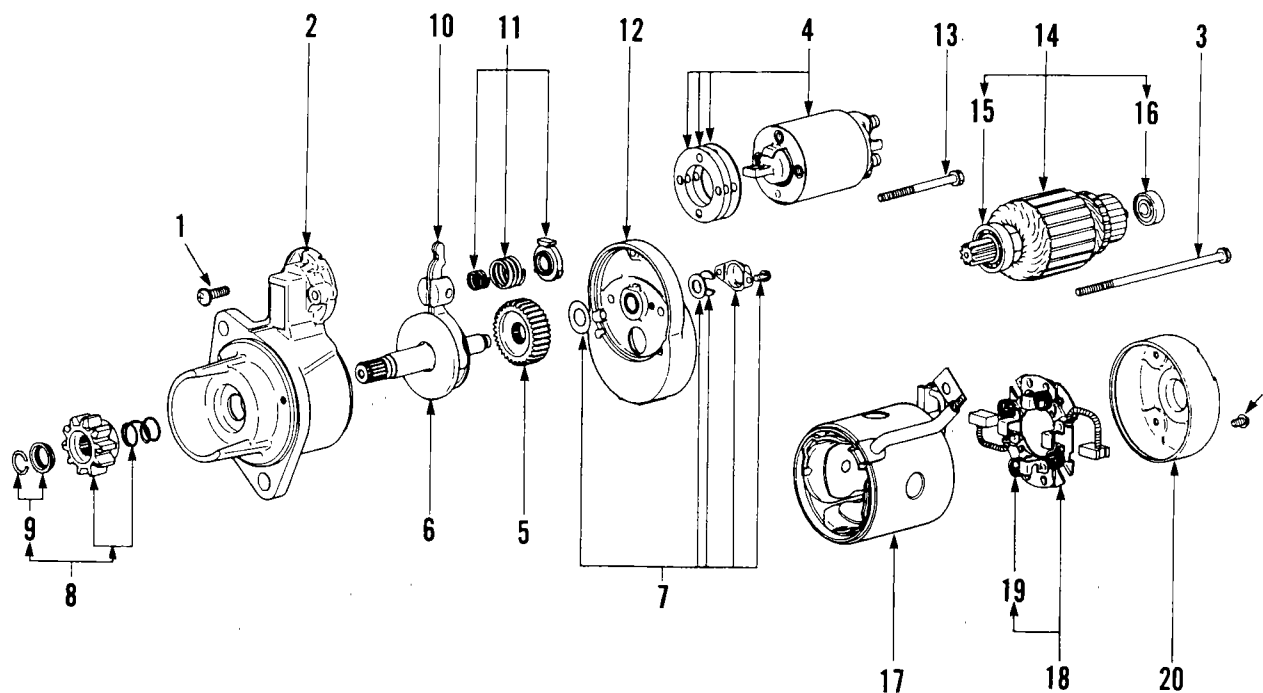
STARTER—BEGIN SPEC AF



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	191-1398	1	Starter (Complete) (Includes Parts Marked*)
2	191-1400	1	Flange, Starter Mounting
3	134-4154	1	Baffle, Starter
4	800-0051	2	Screw, Cap - Hex Head (3/8-16 x 1-1/4")
5	850-0050	5	Washer, Lock - Spring (3/8")
6	860-2008	1	*Nut, Hex (M8) B + Terminal
7	850-2008	1	*Washer, Lock - Spring (M8) B + Terminal
8	800-2000	1	*Screw, Cap - Hex Head (M5 x 8MM) Solenoid Terminal
9	850-2005	1	*Washer, Lock - Spring (M5) Solenoid Terminal
10	191-0311	1	Spacer, Flange
11	800-0053	1	Screw, Cap - Hex Head (3/8-16 x 1-3/4")
12	800-0054	2	Screw, Cap - Hex Head (3/8-16 x 2")

* - Parts Included With 191-1398 Starter

STARTER PARTS — BEGIN SPEC AF



XES-1360

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	191-1398	1	Starter
1	191-1458	1	Screw Set
2	191-1459	1	Bracket, Front - Includes Bearing
3	191-1477	2	Bolt, Through
4	191-1478	1	Switch
5	191-1462	1	Gear
6	191-1463	1	Clutch
7	191-1464	1	Cover Set
8	191-1465	1	Pinion Set (Includes Parts Marked *)
9	191-1466	1	*Stopper Set
10	191-1467	1	Lever
11	191-1468	1	Spring Set
12	191-1469	1	Bracket, Center
13	191-1470	1	Bolt, Through
14	191-1471	1	Armature Assembly (Includes Parts Marked #)
15	191-1472	1	#Bearing, Center
16	191-1473	1	#Bearing, Rear
17	191-1474	1	Yoke - Includes Pole Shoes, Field Coil and Positive Brushes
18	191-1475	1	Holder Assembly, Brush (Includes Negative Brushes and Parts Marked ‡)
19	191-1007	4	‡Spring, Brush
20	191-1476	1	Bracket, Rear

* - Parts Included in 191-1465 Pinion Set

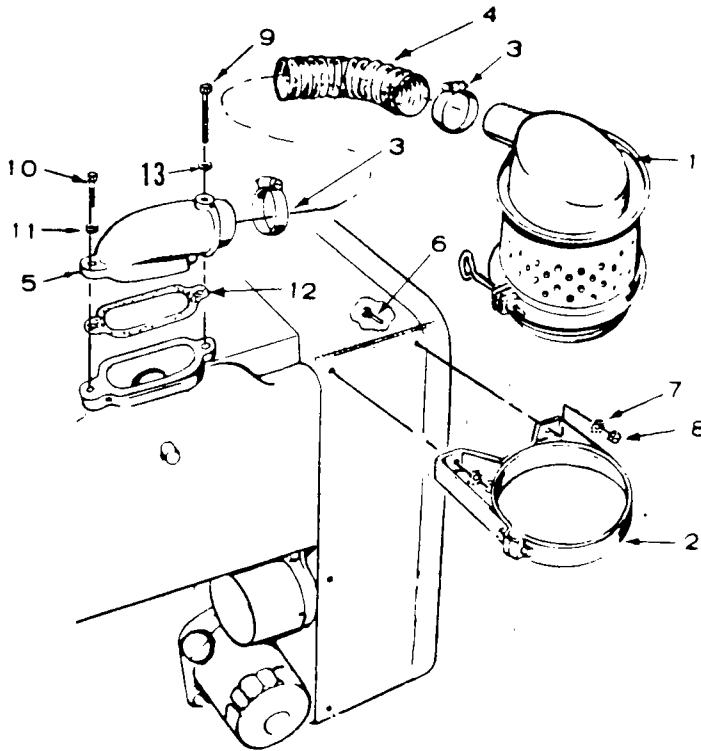
- Parts Included in 191-1471 Armature Assembly

‡ - Parts Included in 191-1475 Brush Holder Assembly

OPTIONAL PARTS SECTION

This section contains illustrated parts listings of factory installed options. Options may not be applicable to all models; for field conversions additional parts are usually required.

OIL BATH AIR CLEANER - OPTIONAL

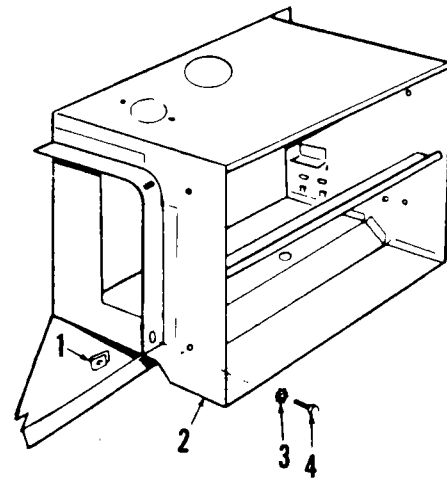


REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	140-0500	1	Cleaner, Air
2	140-0519	1	Band, Air Cleaner
3	503-0274	2	Clamp, Hose
4	503-0444	1	Hose, Air Cleaner
5	140-0645	1	Adapter, Air Cleaner
6	800-0003	2	Screw, Cap - Hex Head (1/4-20 x 1/2")
7	850-0040	2	Washer, Lock - Spring (1/4")
8	862-0001	2	Nut, Hex (1/4-20)
9	800-0015	1	Screw, Cap - Hex Head (1/4-20 x 3")
10	800-0007	1	Screw, Cap - Hex Head (1/4-20 x 1")
11	850-0040	1	Washer, Lock - Spring (1/4")
12	140-0584	1	Gasket, Adapter Mounting
13	526-0108	1	Washer, Flat (17/64" ID x 7/16" OD x 1/32" Thk)

FS1265

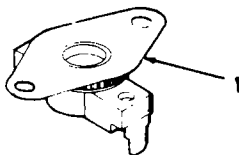
AIR DUCT - OPTIONAL

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	870-0178	3	Nut, Speed - Sheet Metal (1/4-20)
2	134-1804	1	Duct, Air
3	853-0013	3	Washer, Lock - ET (1/4")
4	815-0235	3	Screw, Cap - Hex Head, Pointed End (1/4-20 x 5/8")



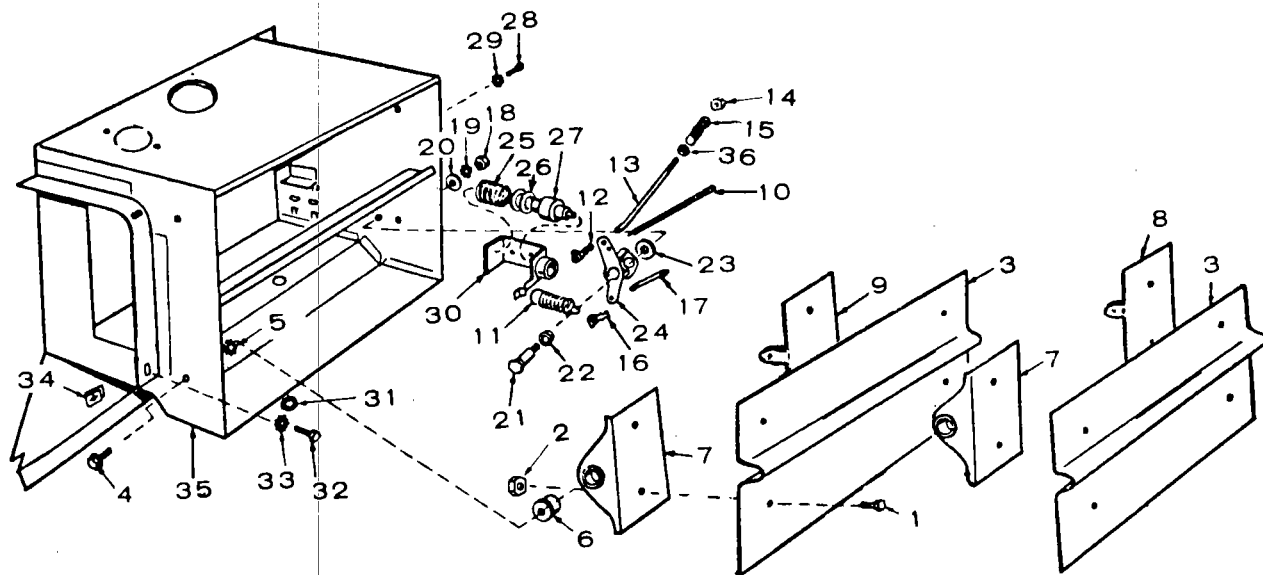
M1153

LOW ENGINE TEMPERATURE THERMOSTAT — OPTIONAL



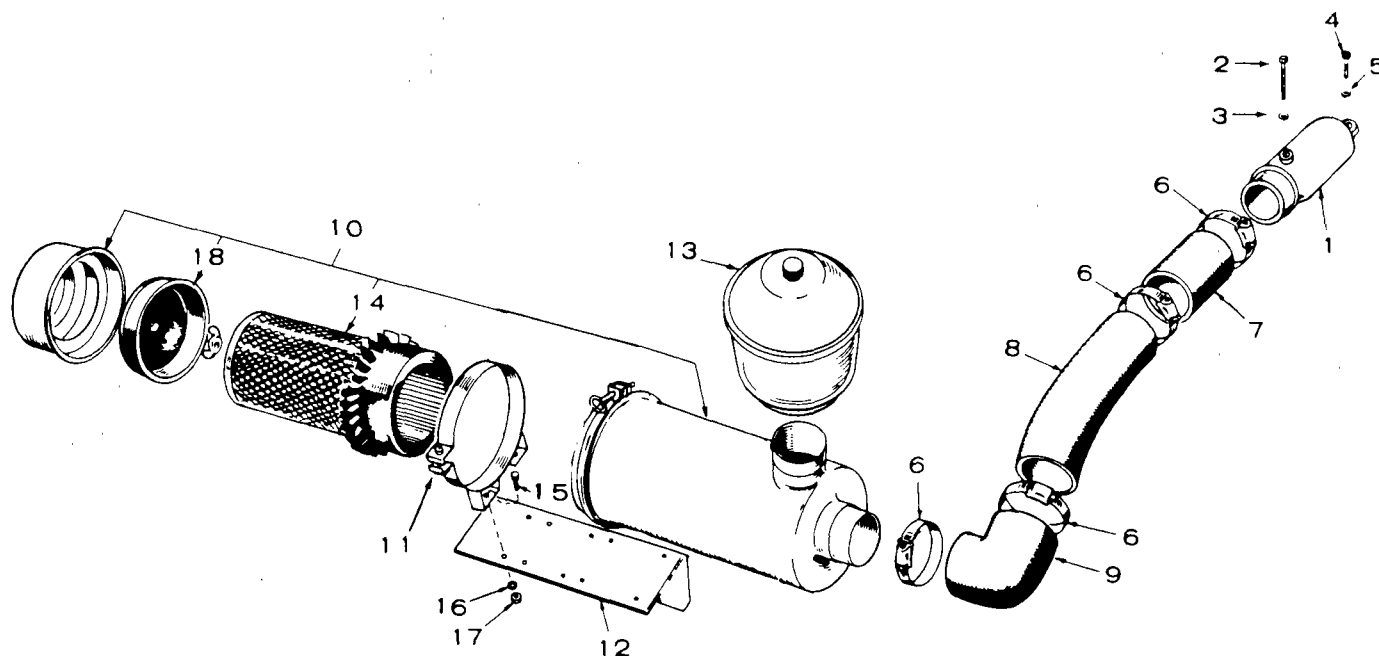
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	309-0270	1	Thermostat, Low Engine Temperature

AIR DUCT AND SHUTTER - OPTIONAL



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	134-4133	1	Duct and Shutter Kit, Air - Includes All Parts Listed Below	17	134-1607	1	Rod, Control - Lower
1	815-0194	8	Screw, Tapping - Hex Head With ET Lockwasher (#10-32 x 3/8")	18	864-0002	1	Nut, Jam (5/16-18)
2	870-0131	8	Nut, Hex - With ET Lockwasher (#10-32)	19	853-0016	1	Washer, Lock - ET (5/16")
3	134-1807	2	Shutter, Air	20	526-0113	1	Washer, Flat (11/32" ID x 1" OD x 3/32" Thk)
4	821-0010	4	Screw, Self-locking - Hex Washer Head (1/4-20 x 1/2")	21	134-1605	1	Shaft - Actuating Arm
5	856-0006	4	Washer, Lock - ET (1/4")	22	134-1248	2	Bearing - Actuating Arm
6	134-2900	4	Bearing - Shutter	23	526-0213	1	Washer, Flat (21/64" ID x 1" OD x 1/8" Thk)
7	134-2411	2	Bracket and Pivot - Shutter	24	134-1604	1	Arm, Actuating - Shutter
8	134-1802	1	Bracket and Pivot - Shutter and Rod (Upper)	25	134-0656	1	Spring - Vernatherm Element
9	134-1801	1	Bracket and Pivot - Shutter and Rod (Lower)	26	526-0175	2	Washer, Flat (41/64" ID x 29/32" OD x 1/16" Thk)
10	134-1817	1	Spring - Shutter Return (Upper)	27	309-0085	1	Element, Vernatherm
11	134-0658	1	Spring - Shutter Return (Lower)	28	813-0097	2	Screw, Machine - Round Head (#10-32 x 5/16")
12	518-0004	1	Clip, Rod End - Right Hand	29	853-0008	2	Washer, Lock - ET (#10)
13	134-1606	1	Rod, Control - Upper	30	134-1610	1	Bracket and Guide - Vernatherm
14	870-0131	1	Nut, Hex - With ET Lockwasher (#10-32)	31	508-0002	1	Grommet, Rubber
15	150-1358	1	Joint, Ball	32	815-0235	3	Screw, Cap - Hex Head, Pointed End (1/4-20 x 5/8")
16	518-0006	2	Clip, Rod End - Left Hand	33	853-0013	3	Washer, Lock ET (1/4")
				34	870-0178	3	Nut, Speed (1/4-20)
				35	134-1804	1	Duct, Air
				36	870-0053	1	Nut, Hex (#10-32)

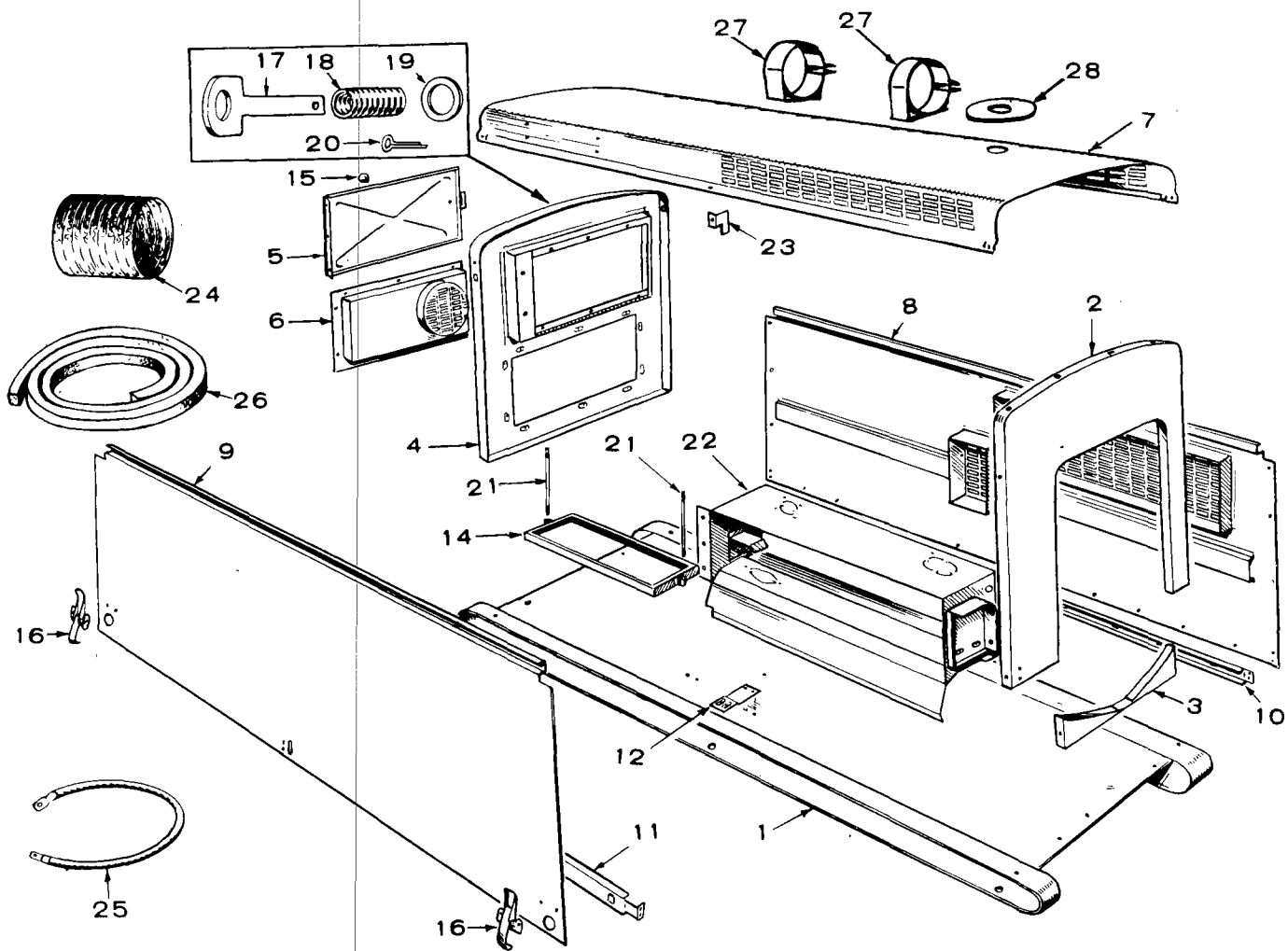
CONTRACTOR AIR CLEANER - OPTIONAL



FS1264

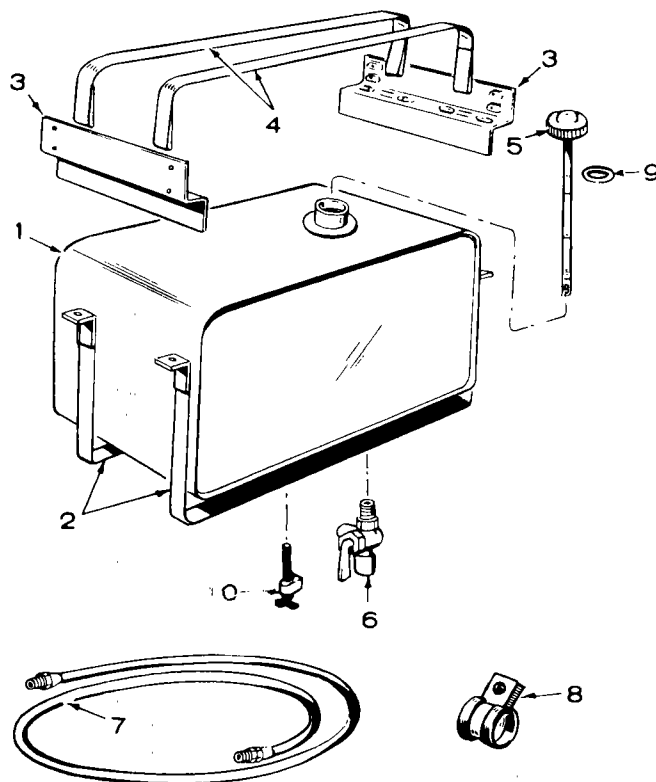
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	140-0645	1	Adapter, Air Cleaner Hose
2	800-0015	1	Screw, Cap - Hex Head (1/4-20 x 3")
3	526-0108	1	Washer, Flat (17/64" ID x 7/16" OD x 1/32" Thk)
4	800-0007	1	Screw, Cap - Hex Head (1/4-20 x 1")
5	850-0040	1	Washer, Lock - Spring (1/4")
6	503-0274	4	Clamp, Hose
7	503-0330	1	Hose, Connector (Rubber) - 2" Long
8	140-0741	1	Tube, Air Induction
9	503-0419	1	Elbow (Rubber)
10	140-0721	1	Cleaner, Air (Includes Element and Baffle)
11	140-0722	2	Band, Air Cleaner Mounting
12	140-1271	1	Bracket, Air Cleaner Mounting
13	140-0723	1	Pre-Cleaner, Air Cleaner
14	140-0765	1	Element, Air Cleaner
15	800-0024	4	Screw, Cap - Hex Head (5/16-18 x 1/2")
16	850-0045	4	Washer, Lock - Spring (5/16")
17	862-0015	4	Nut, Hex (5/16-18)
18	140-1267	1	Baffle, Air Cleaner

HOUSING AND SKID BASE - OPTIONAL



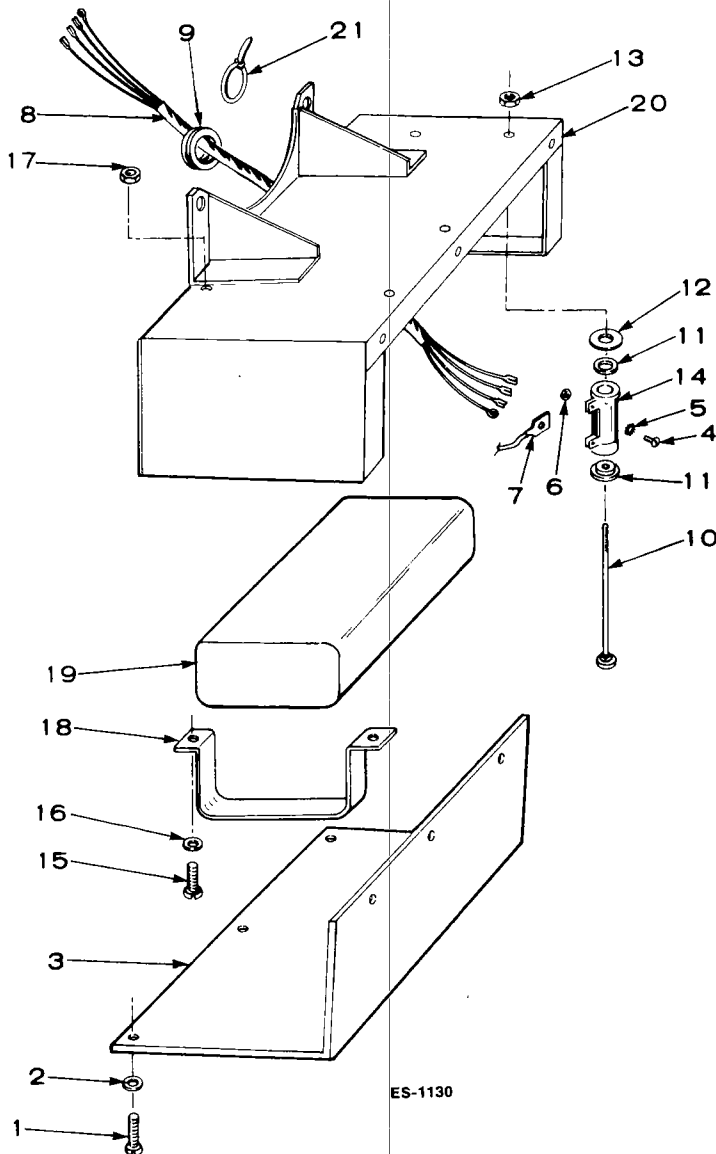
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	403-0679	1	Base	16	406-0105	2	Fastener, Housing
2	405-1323	1	Panel, Upper - Engine End	17	405-1138	2	Pin, Shoulder (Rear Panel)
	405-1651	1	Sets Without Oil Bath Air Cleaner	18	405-1139	2	Spring, Shoulder Pin (Rear Panel)
	405-1333	1	Sets With Oil Bath Air Cleaner	19	526-0115	2	Washer, Shoulder Pin (Rear Panel)
3	405-1333	1	Panel, Lower - Engine End	20	516-0039	2	Pin, Shoulder
4	405-1322	1	Panel, Rear - Generator End	21	520-0490	2	Stud, Battery Hold-down
	405-1331	1	Sets Without Meter Panel	22	DUCT, EXHAUST MANIFOLD (See Separate Group For Components)		
5	405-1329	1	Panel, Door - Rear End		134-1804	1	Sets Without Shutters
	405-1332	1	Sets With Meter Panel		134-4133	1	Sets With Shutters
6	405-1330	1	Panel, Generator Access	23	405-1181	2	Stop, Door
7	405-1348	1	Panel, Top	24	503-0423	1	Hose, Flexible - Generator Air Duct
8	405-1347	1	Panel, Right Side	25	336-0476	1	Strap, Ground - Engine to Frame
	405-1355	1	Sets Without Shutters	26	895-0104	1	Stripping, Foam Weather (76")
9	405-1346	1	Panel, Left Side	27	BAND, MUFFLER		
10	405-1344	1	Rail, Stiffener (Right Side)		140-0631	2	Used for Mounting 155-0456 (Standard) Muffler
11	405-1345	1	Rail, Stiffener (Left Side)		140-0078	2	Used for Mounting 155-0360 (Critical) Muffler
12	405-1341	2	Bracket, Stiffener Rail	28	405-1673	1	Shield, Rain
14	416-0502	1	Frame, Battery Hold-down				
15	406-0002	1	Knob, Rear Door Panel				

FUEL TANK (HOUSED SETS) - OPTIONAL



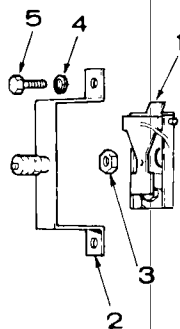
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	159-0961	1	Tank Assembly, Fuel - Complete (Includes All Listed Parts)
1	159-0802	1	Tank, Fuel - 9 Gallon
2	159-0786	2	Strap, Mounting
3	159-0789	2	Bracket, Support
4	159-0787	2	Strap, Hold-down
5	159-0512	1	Cap and Indicator
6	504-0007	1	Valve, Shut-off (Return)
7	LINE, FUEL - Flexible		
	501-0004	1	12" (to Fuel Pump)
	501-0131	1	24" (Fuel Return)
8	332-0050	2	Clip, Fuel Line
9	159-0751	1	Gasket, Fuel Tank Cap
10	504-0013	1	Valve, Shut-off - Screened (Tank Outlet)
HARDWARE, MOUNTING - Not Illustrated			
	800-0009	4	Screw, Cap - Hex Head (1/4-20 x 1-1/2")
	812-0150	8	Screw, Machine - Round Head (1/4-20 x 5/8")
	813-0103	1	Screw, Machine - Round Head (#10-32 x 3/4")
	850-0040	12	Washer, Lock - Spring (1/4")

VOLTAGE REGULATOR FILTER - OPTIONAL



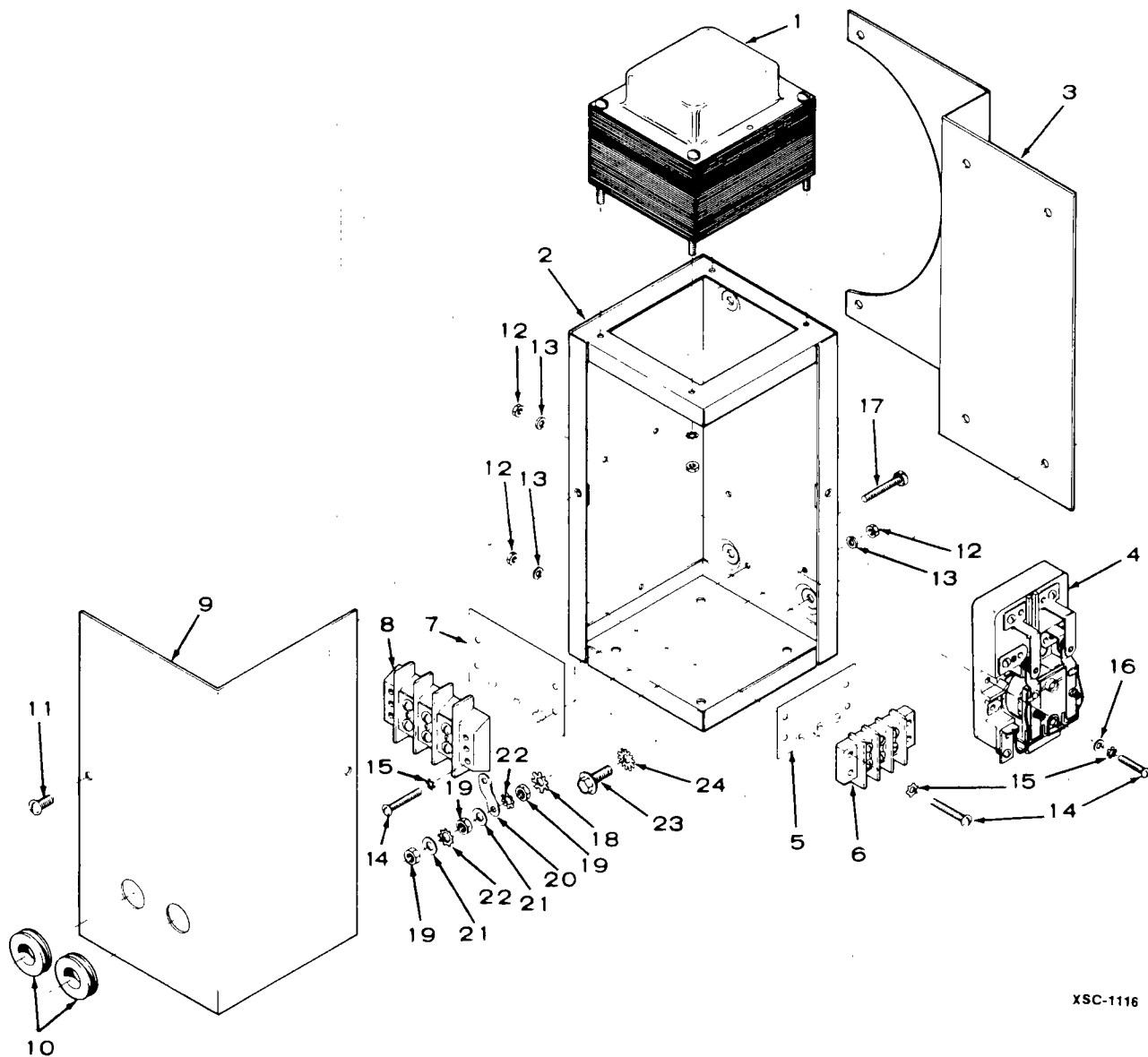
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	813-0098	6	Screw, Machine - Round Head (#10-32 x 3/8")
2	850-0030	6	Washer, Lock - Spring (#10)
3	232-2463	1	Cover, Housing
4	815-0001	4	Screw, Machine - Binding Head Brass (#6-32 x 1/4")
5	853-0003	4	Washer, Lock - ET (#6)
6	860-0006	4	Nut, Hex (#6-32)
7	332-1279	4	Terminal, Lug
8	338-1165	1	Harness, Wiring
9	508-0071	1	Grommet, Rubber
10	813-0112	2	Screw, Machine - Round Head (#10-32 x 2-1/2")
11	304-0015	4	Washer, Centering
12	304-0292	2	Insulator, Resistor
13	870-0053	2	Nut, Hex (#10-32)
14	304-0120	2	Resistor, Fixed (2 Ohm, 25 Watt)
15	812-0079	4	Screw, Machine - Round Head (#8-32 x 1/2")
16	850-0025	4	Washer, Lock - Spring (#8)
17	860-0008	4	Nut, Hex (#8-32)
18	312-0198	2	Bracket, Mounting - Capacitor
19	312-0197	1	Capacitor
20	232-2462	1	Housing, Filter
21	332-0942	2	Tie, Cable
	625-1304	—	Diagram, Wiring

OVERSPEED SWITCH — OPTIONAL



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	SWITCH, OVERSPEED		
	150-0956	1	60 Hertz Sets
	150-1661	1	50 Hertz Sets
2	BRACKET AND POINT ASSEMBLY		
	150-0958	1	Spec A through Z
	150-1446	1	Begin Spec AA
3	868-0004	1	Nut, Jam - Hex Head (7/16-20)
4	WASHER, LOCK - SPRING		
	850-0030	2	#10 - Spec A through Z
	850-0040	2	1/4" - Begin Spec AA
5	SCREW		
	813-0100	2	Machine - Round Head (#10-32 x 1/2")
			Spec A through Z
	800-0003	2	Cap - Hex Head (1/4-20 x 1/2")
			Begin Spec AA

CONTINUOUS GLOW PLUG CONTROL - OPTIONAL

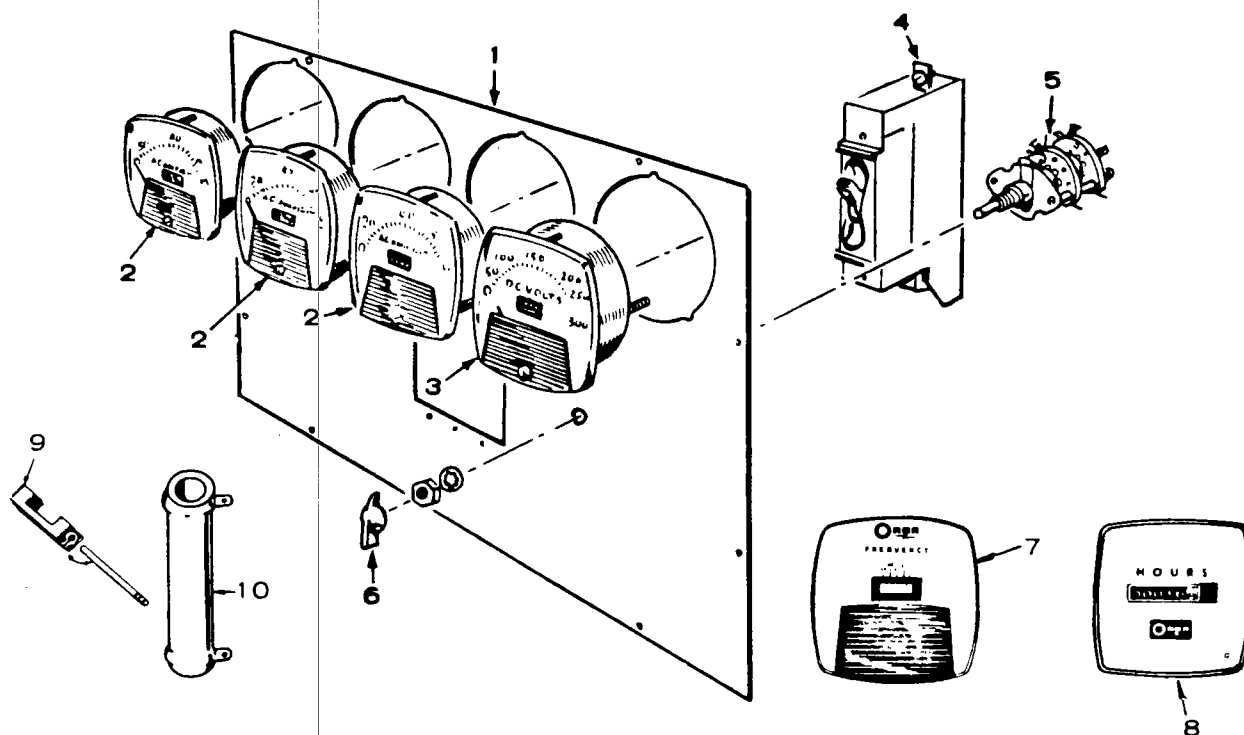


XSC-1116

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	315-0433	1	Transformer (Includes Mounting Hardware)
2	301-4428	1	Box, Control
3	301-4821	1	Bracket, Mounting
4	307-1274	1	Relay
5	332-2566	1	Strip, Marker (Marked 19, 16, 15)
6	332-0406	1	Block, Terminal (2-21/32" lg)
7	332-2567	1	Strip, Marker (Marked 17, 18, 20)
8	332-0236	1	Block, Terminal (3-3/16" lg)
9	301-4429	1	Cover, Control Box
10	508-0001	2	Grommet
11	815-0026	2	Screw, Machine - Truss Head (#10-32 x 3/8")
12	860-0008	6	Nut, Hex (#8-32)
13	850-0025	6	Washer, Lock - Spring (#8)

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
14	812-0082	6	Screw, Machine - Round Head Steel (#8-32 x 3/4")
15	853-0005	6	Washer, Lock - ET (#8)
16	526-0048	2	Washer, Flat - Brass (.172 ID x 3/8" OD x 1/32" Thk)
17	815-0203	1	Screw, Machine - Round Head Brass With ET (#10-32 x 7/8")
18	856-0003	1	Washer, Lock - EIT (#10)
19	871-0010	3	Nut, Hex - Brass (#10-32)
20	332-0592	3	Jumper, Ground
21	526-0049	2	Washer, Flat - Brass (.200 ID x 7/16" OD x 1/32" Thk)
22	853-0008	2	Washer, Lock - ET (#10)
23	821-0014	4	Screw, Cap - Hex Locking Washer Head (5/16-18 x 1/2")
24	856-0008 625-1581	4	Washer, Lock - EIT (5/16")
		—	Diagram, Wiring

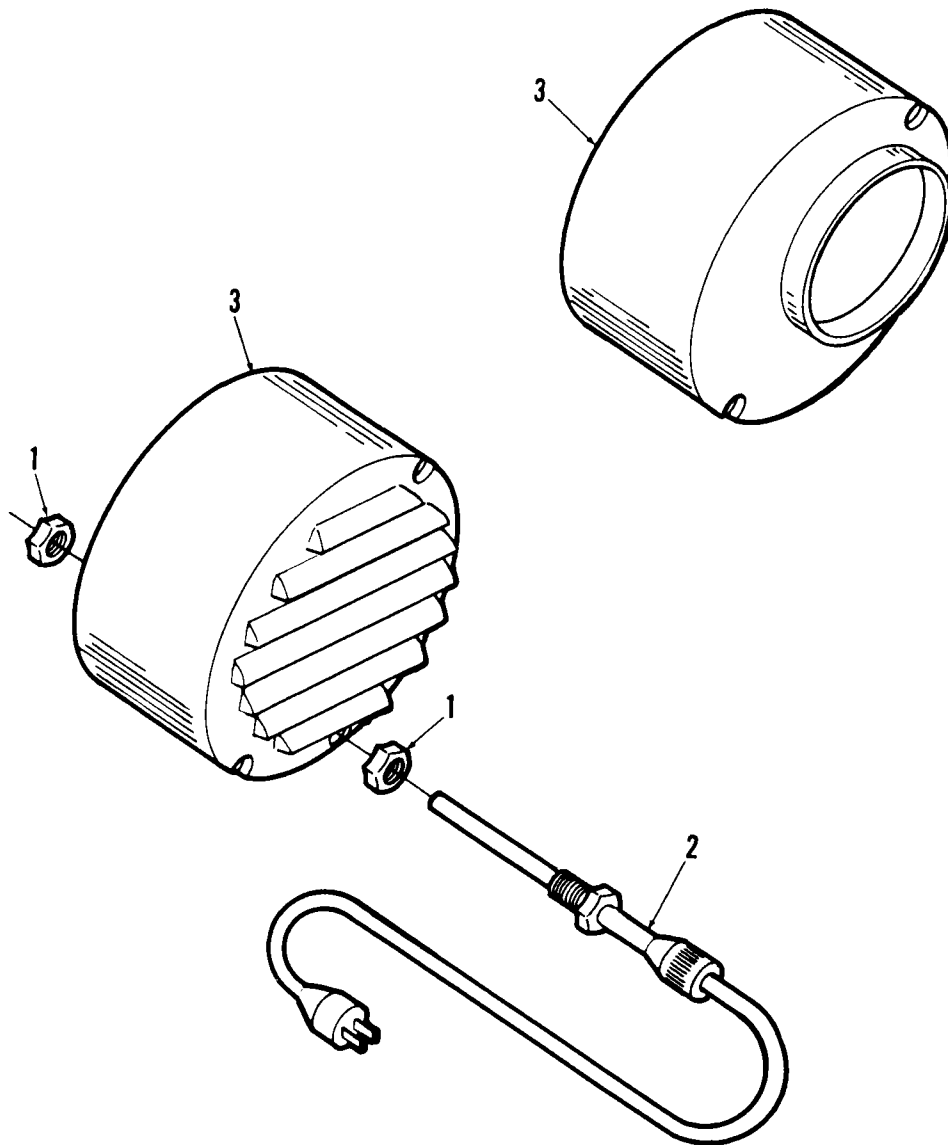
AC METER PANEL (HOUSED SETS) - OPTIONAL



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	PANEL, METER		
	301-2204	1	120/208 Volt, 3 Phase Sets With Frequency Meter and Running Time Meter
	301-2088	1	Sets Without Frequency Meter and Running Time Meter
	301-2288	1	120/240 Volt, 1 Phase Sets With Frequency Meter and Running Time Meter
	301-1554	1	Sets Without Frequency Meter and Running Time Meter
	301-2308	1	220/380 Volt, 3 Phase Sets With Frequency Meter and Running Time Meter
	301-2308	1	277/480 Volt, 3 Phase Sets With Frequency Meter and Running Time Meter
	301-2373	1	Sets Without Frequency Meter and Running Time Meter
2	AMMETER, AC (Select According to Scale)		
	302-0460	As Req.	Scale Reads 0-20
	302-0418	As Req.	Scale Reads 0-30
	302-0444	As Req.	Scale Reads 0-35
3	VOLTMETER, AC (Select According to Scale)		
	302-0421	1	Scale Reads 0-300
	302-0612	1	Scale Reads 0-500
	302-0422	1	Scale Reads 0-600
4	BREAKER, CIRCUIT (Select According to Existing Breaker)		
	320-0018	As Req.	Single Pole 20 Amp, 120/240 Volt
	320-0019	As Req.	25 Amp, 120/240 Volt
	320-0058	As Req.	30 Amp, 120/240 Volt
	320-0483	As Req.	Three Pole Companion 10 Amp, 480 Volt
	320-0484	As Req.	12 Amp, 480 Volt
	320-0485	As Req.	15 Amp, 480 Volt

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
5	308-0012	1	Switch, Selector - Voltage (3 Phase Sets)
6	303-0076	1	Knob, Selector Switch (3 Phase Sets)
7	METER, FREQUENCY (Check Meter Face for Part Number)		
	302-0234	1	50 Hertz 100-150 Volt
	302-0256	1	200-250 Volt
	302-0213	1	60 Hertz 100-150 Volt
	302-0221	1	200-250 Volt
8	METER, RUNNING TIME (Check Meter Face for Part Number)		
	302-0468	1	50 Hertz 120 Volt
	302-0469	1	240 Volt
	302-0465	1	60 Hertz 120 Volt
	302-0466	1	240 Volt
	302-0467	1	480 Volt
9	BAR, CIRCUIT BREAKER TIE		
	320-0187	1	Used with 3 Circuit Breakers
	320-0202	1	Used with 2 Circuit Breakers
10	304-0305	1	Resistor, Fixed (45,000 Ohm, 10 Watt)

OPTIONAL GENERATOR HEATER



M1402

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	331-0041	2	Nut, Hex - Special
2	333-0157	1	Heater, Electrical
3	COVER, ENDBELL		
	234-0542	1	Sets Without Overspeed Switch
	234-0543	1	Sets With Overspeed Switch
	234-0541	1	Sets With Duct to Cover